

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066610.D
 Acq On : 10 Sep 2020 12:31
 Operator : VA/SY
 Sample : VD0910SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:17:55 AM

Quant Time: Sep 11 02:24:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	348852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	580624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	527521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	244090	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	219796	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.91	113	201445	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	10.34	98	745759	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.63	95	245149	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	71533	22.677	ug/l	93
3) Chloromethane	2.21	50	93636	21.224	ug/l	97
4) Vinyl Chloride	2.35	62	102223	20.891	ug/l	98
5) Bromomethane	2.76	94	70974	20.235	ug/l	89
6) Chloroethane	2.92	64	64797	20.849	ug/l	97
7) Trichlorofluoromethane	3.27	101	154012	21.306	ug/l	93
8) Diethyl Ether	3.71	74	34584	19.000	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	84540	21.610	ug/l	99
10) Methyl Iodide	4.30	142	67186	21.336	ug/l	98
11) Tert butyl alcohol	5.21	59	30167	84.136	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	75966	21.614	ug/l	93
13) Acrolein	3.93	56	14941	86.574	ug/l	92
14) Allyl chloride	4.72	41	122238	21.221	ug/l	99
15) Acrylonitrile	5.43	53	78508	100.403	ug/l	97
16) Acetone	4.16	43	77532	99.834	ug/l	93
17) Carbon Disulfide	4.40	76	243569	21.080	ug/l	99
18) Methyl Acetate	4.71	43	37181	20.084	ug/l	92
19) Methyl tert-butyl Ether	5.47	73	165190	20.042	ug/l	97
20) Methylene Chloride	4.96	84	101806	20.096	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	88319	21.161	ug/l	97
22) Diisopropyl ether	6.36	45	254571	21.491	ug/l	97
23) Vinyl Acetate	6.31	43	695182	103.130	ug/l	100
24) 1,1-Dichloroethane	6.26	63	157475	21.140	ug/l	98
25) 2-Butanone	7.21	43	102759	98.568	ug/l	94
26) 2,2-Dichloropropane	7.20	77	146197	21.396	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	91994	20.496	ug/l	97
28) Bromochloromethane	7.54	49	54840	19.123	ug/l #	99
29) Tetrahydrofuran	7.56	42	65470	100.836	ug/l	100
30) Chloroform	7.71	83	165157	20.957	ug/l	98
31) Cyclohexane	7.98	56	143388	20.824	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	152246	20.548	ug/l	100
36) 1,1-Dichloropropene	8.11	75	128998	21.348	ug/l	98
37) Ethyl Acetate	7.29	43	45642	18.969	ug/l	97
38) Carbon Tetrachloride	8.09	117	139884	21.902	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066610.D
 Acq On : 10 Sep 2020 12:31
 Operator : VA/SY
 Sample : VD0910SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:17:55 AM

Quant Time: Sep 11 02:24:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	142827	21.168	ug/l	95
40) Benzene	8.34	78	340364	20.567	ug/l	98
41) Methacrylonitrile	7.52	41	25285	21.709	ug/l #	90
42) 1,2-Dichloroethane	8.43	62	107995	20.141	ug/l	100
43) Isopropyl Acetate	8.45	43	90277	19.578	ug/l	99
44) Trichloroethene	9.11	130	91609	21.103	ug/l	100
45) 1,2-Dichloropropane	9.38	63	86672	20.826	ug/l	97
46) Dibromomethane	9.47	93	47037	20.486	ug/l	95
47) Bromodichloromethane	9.66	83	126388	20.345	ug/l	98
48) Methyl methacrylate	9.45	41	48642	20.862	ug/l	96
49) 1,4-Dioxane	9.46	88	10042	398.648	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	233343	100.342	ug/l	99
52) Toluene	10.40	92	219395	20.943	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	113293	20.659	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	135853	20.629	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	62040	21.015	ug/l	97
56) Ethyl methacrylate	10.66	69	69011	20.077	ug/l	95
57) 1,3-Dichloropropane	10.94	76	104223	20.155	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	175483	111.613	ug/l	96
59) 2-Hexanone	10.98	43	158297	101.223	ug/l	99
60) Dibromochloromethane	11.14	129	81827	20.960	ug/l	97
61) 1,2-Dibromoethane	11.24	107	56896	19.809	ug/l	99
64) Tetrachloroethene	10.87	164	72648	20.454	ug/l	97
65) Chlorobenzene	11.67	112	225747	20.734	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	85378	20.547	ug/l	97
67) Ethyl Benzene	11.74	91	407586	20.388	ug/l	98
68) m/p-Xylenes	11.85	106	308063	41.501	ug/l	96
69) o-Xylene	12.18	106	139701	21.000	ug/l	99
70) Styrene	12.19	104	241220	20.857	ug/l	99
71) Bromoform	12.36	173	43797	20.914	ug/l #	96
73) Isopropylbenzene	12.48	105	391507	21.664	ug/l	100
74) N-amyl acetate	12.29	43	80980	19.784	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	64861	20.315	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	42027m	17.903	ug/l	
77) Bromobenzene	12.76	156	87037	21.602	ug/l	98
78) n-propylbenzene	12.82	91	466532	21.295	ug/l	99
79) 2-Chlorotoluene	12.91	91	267106	21.733	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	328466	21.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21011	20.896	ug/l	96
82) 4-Chlorotoluene	13.00	91	282226	21.474	ug/l	99
83) tert-Butylbenzene	13.23	119	271936	21.893	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	329343	21.747	ug/l	97
85) sec-Butylbenzene	13.40	105	385436	21.538	ug/l	99
86) p-Isopropyltoluene	13.52	119	353630	21.954	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	171198	21.403	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	166644	20.757	ug/l	97
89) n-Butylbenzene	13.84	91	337471	21.500	ug/l	98
90) Hexachloroethane	14.11	117	70785	20.395	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	144191	20.624	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10876	20.053	ug/l	96

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
Data File : VD066610.D
Acq On : 10 Sep 2020 12:31
Operator : VA/SY
Sample : VD0910SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS01

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:17:55 AM

Quant Time: Sep 11 02:24:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	88989	21.209	ug/l	97
94) Hexachlorobutadiene	15.27	225	50974	20.222	ug/l	95
95) Naphthalene	15.41	128	152452	20.792	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	76159	21.290	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091020\
Data File : VD066610.D
Acq On : 10 Sep 2020 12:31
Operator : VA/SY
Sample : VD0910SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS01

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:17:55 AM

Quant Time: Sep 11 02:24:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

