

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062560.D
 Acq On : 31 May 2019 13:37
 Operator : VA/AP
 Sample : VD0531SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0531SBS01

Quant Time: May 31 23:45:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	796808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1054674	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	901906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	501241	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	514510	55.07	ug/l	0.00
Spiked Amount			Recovery	=	110.14%	
35) Dibromofluoromethane	6.94	113	505413	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
50) Toluene-d8	10.43	98	1078157	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	13.57	95	530021	55.81	ug/l	0.00
Spiked Amount			Recovery	=	111.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	215456	23.314	ug/l	93
3) Chloromethane	1.75	50	180748	17.870	ug/l	98
4) Vinyl Chloride	1.85	62	143060	20.265	ug/l	99
5) Bromomethane	2.16	94	55207	24.082	ug/l	97
6) Chloroethane	2.26	64	77691	23.469	ug/l	97
7) Trichlorofluoromethane	2.53	101	336408	22.550	ug/l	95
8) Diethyl Ether	2.87	74	45226	23.632	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.15	101	175527	19.924	ug/l	89
10) Methyl Iodide	3.31	142	189745	18.982	ug/l	94
11) Tert butyl alcohol	4.10	59	40470m	101.557	ug/l	
12) 1,1-Dichloroethene	3.13	96	136509	21.904	ug/l #	85
13) Acrolein	3.04	56	16204	93.324	ug/l	84
14) Allyl chloride	3.62	41	197642	20.302	ug/l	83
15) Acrylonitrile	4.21	53	87383	91.729	ug/l	98
16) Acetone	3.24	43	187271	102.018	ug/l #	88
17) Carbon Disulfide	3.38	76	371697	18.348	ug/l	97
18) Methyl Acetate	3.65	43	58458	19.511	ug/l #	89
19) Methyl tert-butyl Ether	4.25	73	290258	19.226	ug/l	99
20) Methylene Chloride	3.82	84	135436	19.931	ug/l	95
21) trans-1,2-Dichloroethene	4.22	96	141084	19.948	ug/l	95
22) Diisopropyl ether	5.14	45	399919	20.109	ug/l	95
23) Vinyl Acetate	5.07	43	1224154	101.499	ug/l	98
24) 1,1-Dichloroethane	5.00	63	253161	19.726	ug/l	99
25) 2-Butanone	6.09	43	165602	95.788	ug/l	99
26) 2,2-Dichloropropane	6.03	77	300466	21.103	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	144450	19.870	ug/l	93
28) Bromochloromethane	6.45	49	90333	20.369	ug/l	93
29) Tetrahydrofuran	6.47	42	78199	100.977	ug/l	96
30) Chloroform	6.67	83	331445	21.432	ug/l	94
31) Cyclohexane	6.97	56	170816	19.686	ug/l	97
32) 1,1,1-Trichloroethane	6.89	97	352639	21.910	ug/l	93
36) 1,1-Dichloropropene	7.16	75	225243	21.454	ug/l	95
37) Ethyl Acetate	6.20	43	88244	19.937	ug/l #	90
38) Carbon Tetrachloride	7.13	117	353177	22.595	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062560.D
 Acq On : 31 May 2019 13:37
 Operator : VA/AP
 Sample : VD0531SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0531SBS01

Quant Time: May 31 23:45:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	181618	20.432	ug/l	95
40) Benzene	7.46	78	439109	21.310	ug/l	98
41) Methacrylonitrile	6.47	41	107825	20.701	ug/l #	96
42) 1,2-Dichloroethane	7.59	62	257151	22.404	ug/l	97
43) Isopropyl Acetate	9.25	43	109814	19.934	ug/l #	97
44) Trichloroethene	8.56	130	171973	20.890	ug/l	82
45) 1,2-Dichloropropane	8.95	63	109451	21.665	ug/l	99
46) Dibromomethane	9.08	93	91683	21.606	ug/l	93
47) Bromodichloromethane	9.38	83	247542	21.172	ug/l	97
48) Methyl methacrylate	9.14	41	77631	21.158	ug/l #	86
49) 1,4-Dioxane	9.10	88	11882	398.690	ug/l #	65
51) 4-Methyl-2-Pentanone	10.32	43	387563	100.838	ug/l	97
52) Toluene	10.52	92	278151	19.792	ug/l	92
53) t-1,3-Dichloropropene	10.93	75	210316	21.291	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	211201	20.565	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	94461	20.470	ug/l	90
56) Ethyl methacrylate	11.06	69	103674	21.079	ug/l	96
57) 1,3-Dichloropropane	11.42	76	140988	19.819	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.86	63	258687	102.551	ug/l	98
59) 2-Hexanone	11.55	43	287524	106.654	ug/l	96
60) Dibromochloromethane	11.70	129	186752	20.825	ug/l	96
61) 1,2-Dibromoethane	11.81	107	116756	21.033	ug/l	99
64) Tetrachloroethene	11.27	164	156648	19.648	ug/l	99
65) Chlorobenzene	12.40	112	347747	19.792	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.52	131	171816	20.677	ug/l	98
67) Ethyl Benzene	12.53	91	693144	21.532	ug/l	99
68) m/p-Xylenes	12.68	106	450050	40.414	ug/l	99
69) o-Xylene	13.05	106	199932	18.821	ug/l	79
70) Styrene	13.08	104	367392	20.369	ug/l	99
71) Bromoform	13.24	173	116860	20.034	ug/l #	96
73) Isopropylbenzene	13.41	105	714414	21.620	ug/l	95
74) N-amyl acetate	13.27	43	155008	18.397	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	105864	20.200	ug/l	98
76) 1,2,3-Trichloropropane	13.74	75	120709	20.073	ug/l	100
77) Bromobenzene	13.67	156	178230	19.672	ug/l	78
78) n-propylbenzene	13.78	91	772915	20.292	ug/l	98
79) 2-Chlorotoluene	13.85	91	472565	21.397	ug/l	95
80) 1,3,5-Trimethylbenzene	13.94	105	618812	21.915	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	31862	18.491	ug/l #	81
82) 4-Chlorotoluene	13.95	91	593784	22.458	ug/l	87
83) tert-Butylbenzene	14.20	119	667656	21.190	ug/l	99
84) 1,2,4-Trimethylbenzene	14.25	105	589402	20.485	ug/l	98
85) sec-Butylbenzene	14.37	105	721685	21.622	ug/l	97
86) p-Isopropyltoluene	14.50	119	642728	20.611	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	332658	21.181	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	339314	21.559	ug/l	96
89) n-Butylbenzene	14.81	91	597692	21.471	ug/l	98
90) Hexachloroethane	15.01	117	176541	21.339	ug/l	81
91) 1,2-Dichlorobenzene	14.82	146	293891	22.244	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.39	75	23133	21.287	ug/l	72

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD053119\
Data File : VD062560.D
Acq On : 31 May 2019 13:37
Operator : VA/AP
Sample : VD0531SBS01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0531SBS01

Quant Time: May 31 23:45:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 02:08:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	208500	19.736	ug/l	95
94) Hexachlorobutadiene	16.05	225	164307	21.068	ug/l	98
95) Naphthalene	16.13	128	287722	19.999	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	154474	19.575	ug/l	96

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

