

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070607.D
 Acq On : 07 Oct 2021 10:19
 Operator : VA/SY
 Sample : VD1007SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2021 6:02:51 PM

Quant Time: Oct 08 04:48:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	327399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	595261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	556579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204890	53.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.36%			
35) Dibromofluoromethane	7.914	113	208300	52.63	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.26%			
50) Toluene-d8	10.332	98	827137	54.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.34%			
62) 4-Bromofluorobenzene	12.626	95	276228	54.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.26%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	78990	19.78	ug/l	97
3) Chloromethane	2.209	50	99117	19.99	ug/l	100
4) Vinyl Chloride	2.350	62	111077	20.22	ug/l	97
5) Bromomethane	2.756	94	74065	20.06	ug/l	95
6) Chloroethane	2.915	64	70260	20.03	ug/l	97
7) Trichlorofluoromethane	3.273	101	141198	19.83	ug/l	95
8) Diethyl Ether	3.703	74	33161	17.90	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	86058	19.94	ug/l	98
10) Methyl Iodide	4.303	142	74561	17.39	ug/l	99
11) Tert butyl alcohol	5.226	59	19880m	104.15	ug/l	
12) 1,1-Dichloroethene	4.068	96	76451	19.90	ug/l	90
13) Acrolein	3.926	56	19366	105.68	ug/l	93
14) Allyl chloride	4.715	41	102007	19.07	ug/l	98
15) Acrylonitrile	5.426	53	77374	96.27	ug/l	98
16) Acetone	4.162	43	61522	94.03	ug/l	94
17) Carbon Disulfide	4.409	76	267617	19.08	ug/l	98
18) Methyl Acetate	4.720	43	53811	21.31	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	148087	19.35	ug/l	97
20) Methylene Chloride	4.962	84	112123	18.42	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	89774	19.87	ug/l	99
22) Diisopropyl ether	6.362	45	219303	19.96	ug/l #	97
23) Vinyl Acetate	6.303	43	449389	89.97	ug/l	98
24) 1,1-Dichloroethane	6.262	63	157565	19.47	ug/l	99
25) 2-Butanone	7.209	43	81580	95.23	ug/l	99
26) 2,2-Dichloropropane	7.203	77	129737	19.37	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	93420	19.67	ug/l	99
28) Bromochloromethane	7.544	49	52610	18.67	ug/l	97
29) Tetrahydrofuran	7.567	42	52288	94.70	ug/l	97
30) Chloroform	7.709	83	165266	19.63	ug/l	99
31) Cyclohexane	7.985	56	133513	18.71	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	142971	19.72	ug/l	99
36) 1,1-Dichloropropene	8.109	75	123918	19.60	ug/l	98
37) Ethyl Acetate	7.291	43	39341	18.73	ug/l	96
38) Carbon Tetrachloride	8.091	117	126677	19.15	ug/l	97
39) Methylcyclohexane	9.355	83	135340	18.62	ug/l	99
40) Benzene	8.350	78	366387	19.66	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070607.D
 Acq On : 07 Oct 2021 10:19
 Operator : VA/SY
 Sample : VD1007SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2021 6:02:51 PM

Quant Time: Oct 08 04:48:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	22617m	20.88	ug/l	
42) 1,2-Dichloroethane	8.420	62	92923	19.28	ug/l	98
43) Isopropyl Acetate	8.450	43	73178	19.01	ug/l	97
44) Trichloroethene	9.114	130	89339	19.44	ug/l	93
45) 1,2-Dichloropropane	9.385	63	92054	19.36	ug/l	98
46) Dibromomethane	9.473	93	47132	19.31	ug/l	99
47) Bromodichloromethane	9.655	83	121740	19.33	ug/l	96
48) Methyl methacrylate	9.450	41	36517	20.24	ug/l	97
49) 1,4-Dioxane	9.461	88	9397	378.90	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	195021	98.22	ug/l	99
52) Toluene	10.403	92	225561	19.70	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	103574	18.79	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	128844	19.41	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	66866	20.11	ug/l	92
56) Ethyl methacrylate	10.655	69	66870	17.75	ug/l	99
57) 1,3-Dichloropropane	10.938	76	107919	19.08	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	157642	98.40	ug/l	97
59) 2-Hexanone	10.979	43	130652	88.42	ug/l	98
60) Dibromochloromethane	11.132	129	76484	19.09	ug/l	98
61) 1,2-Dibromoethane	11.238	107	60521	19.55	ug/l	99
64) Tetrachloroethene	10.867	164	70094	19.64	ug/l	97
65) Chlorobenzene	11.661	112	235033	19.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	89414	20.25	ug/l	97
67) Ethyl Benzene	11.738	91	400544	19.56	ug/l	99
68) m/p-Xylenes	11.844	106	325017	40.30	ug/l	99
69) o-Xylene	12.173	106	144901	20.20	ug/l	94
70) Styrene	12.185	104	250753	19.84	ug/l	100
71) Bromoform	12.349	173	40226	19.41	ug/l #	96
73) Isopropylbenzene	12.467	105	374980	19.31	ug/l	100
74) N-amyl acetate	12.279	43	69293	18.94	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	72638	19.13	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	54739m	22.71	ug/l	
77) Bromobenzene	12.749	156	86518	19.93	ug/l	95
78) n-propylbenzene	12.808	91	486088	19.78	ug/l	100
79) 2-Chlorotoluene	12.897	91	282369	19.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	327242	19.76	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	18743	17.26	ug/l	96
82) 4-Chlorotoluene	12.996	91	306337	20.33	ug/l	98
83) tert-Butylbenzene	13.214	119	265922	19.43	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	324938	19.72	ug/l	98
85) sec-Butylbenzene	13.391	105	414020	19.51	ug/l	99
86) p-Isopropyltoluene	13.502	119	336702	19.43	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	180622	19.81	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	178525	19.75	ug/l	99
89) n-Butylbenzene	13.832	91	318514	19.25	ug/l	97
90) Hexachloroethane	14.096	117	71365	19.05	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	156160	20.09	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10614	19.36	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	80680	19.28	ug/l	99
94) Hexachlorobutadiene	15.249	225	51962	19.65	ug/l	98
95) Naphthalene	15.385	128	140624	18.31	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	69749	18.92	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
Data File : VD070607.D
Acq On : 07 Oct 2021 10:19
Operator : VA/SY
Sample : VD1007SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Manual Integrations
APPROVED

MMDadoda
10/8/2021 6:02:51 PM

Quant Time: Oct 08 04:48:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

