

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070879.D
 Acq On : 27 Oct 2021 23:48
 Operator : VA/SY
 Sample : VD1027SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:34:43 PM

Quant Time: Oct 28 04:04:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	495862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	774599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	747605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	383991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203380	40.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.560%
35) Dibromofluoromethane	7.909	113	259895	50.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.332	98	984254	51.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.440%
62) 4-Bromofluorobenzene	12.620	95	336931	53.146	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	67135	14.599	ug/l	96
3) Chloromethane	2.209	50	78804	12.108	ug/l	93
4) Vinyl Chloride	2.344	62	86710	12.043	ug/l	95
5) Bromomethane	2.750	94	79721	14.802	ug/l	99
6) Chloroethane	2.915	64	60768	13.661	ug/l #	83
7) Trichlorofluoromethane	3.268	101	131256	14.801	ug/l	100
8) Diethyl Ether	3.709	74	40524	16.494	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.091	101	88377	15.462	ug/l	91
10) Methyl Iodide	4.291	142	91585	17.754	ug/l	92
11) Tert butyl alcohol	5.215	59	22346	84.309	ug/l #	83
12) 1,1-Dichloroethene	4.068	96	84538	16.896	ug/l #	79
13) Acrolein	3.920	56	15674	65.945	ug/l	96
14) Allyl chloride	4.715	41	105883	13.509	ug/l #	90
15) Acrylonitrile	5.415	53	87792	74.598	ug/l	97
16) Acetone	4.150	43	54903	47.319	ug/l	88
17) Carbon Disulfide	4.409	76	255395	14.439	ug/l	95
18) Methyl Acetate	4.715	43	60306	15.161	ug/l #	84
19) Methyl tert-butyl Ether	5.473	73	172704	16.594	ug/l	94
20) Methylene Chloride	4.956	84	140692	18.450	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	102193	17.236	ug/l	86
22) Diisopropyl ether	6.362	45	231395	14.237	ug/l #	94
23) Vinyl Acetate	6.303	43	472302m	68.627	ug/l	
24) 1,1-Dichloroethane	6.262	63	164850	15.048	ug/l	97
25) 2-Butanone	7.203	43	86515	60.582	ug/l	97
26) 2,2-Dichloropropane	7.203	77	120585	13.796	ug/l	93
27) cis-1,2-Dichloroethene	7.209	96	113958	17.935	ug/l	86
28) Bromochloromethane	7.544	49	64240	14.954	ug/l #	70
29) Tetrahydrofuran	7.561	42	58667	67.999	ug/l #	85
30) Chloroform	7.703	83	179667	16.340	ug/l	97
31) Cyclohexane	7.979	56	130202	12.813	ug/l #	78
32) 1,1,1-Trichloroethane	7.903	97	146599	15.611	ug/l	97
36) 1,1-Dichloropropene	8.108	75	125827	15.526	ug/l	96
37) Ethyl Acetate	7.291	43	42789	14.200	ug/l #	94
38) Carbon Tetrachloride	8.091	117	129259	15.860	ug/l #	92
39) Methylcyclohexane	9.350	83	140905	15.109	ug/l	91
40) Benzene	8.350	78	406106	17.235	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070879.D
 Acq On : 27 Oct 2021 23:48
 Operator : VA/SY
 Sample : VD1027SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 4:34:43 PM

Quant Time: Oct 28 04:04:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	23400	14.680	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	89949	14.994	ug/l	90
43) Isopropyl Acetate	8.450	43	79273	14.153	ug/l #	92
44) Trichloroethene	9.108	130	114896	18.874	ug/l	90
45) 1,2-Dichloropropane	9.379	63	100155	16.033	ug/l	100
46) Dibromomethane	9.473	93	53124	17.346	ug/l #	85
47) Bromodichloromethane	9.655	83	134535	16.993	ug/l	96
48) Methyl methacrylate	9.450	41	37581	14.043	ug/l #	85
49) 1,4-Dioxane	9.455	88	11867	363.046	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	213554	72.709	ug/l	92
52) Toluene	10.397	92	270600	19.109	ug/l	93
53) t-1,3-Dichloropropene	10.614	75	111836	16.208	ug/l	89
54) cis-1,3-Dichloropropene	10.085	75	142436	16.719	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	81333	18.725	ug/l	92
56) Ethyl methacrylate	10.655	69	79608	16.950	ug/l #	87
57) 1,3-Dichloropropane	10.938	76	127225	17.384	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	182810	88.530	ug/l #	89
59) 2-Hexanone	10.973	43	142795	68.105	ug/l	95
60) Dibromochloromethane	11.132	129	96444	18.505	ug/l	99
61) 1,2-Dibromoethane	11.238	107	76751	19.143	ug/l	99
64) Tetrachloroethene	10.867	164	104756	20.423	ug/l	96
65) Chlorobenzene	11.661	112	292629	19.079	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	107954	18.973	ug/l	97
67) Ethyl Benzene	11.738	91	460245	17.232	ug/l	95
68) m/p-Xylenes	11.844	106	394443	37.928	ug/l	94
69) o-Xylene	12.173	106	174494	18.525	ug/l	94
70) Styrene	12.185	104	313413	19.212	ug/l	96
71) Bromoform	12.349	173	63266	21.041	ug/l #	100
73) Isopropylbenzene	12.467	105	451296	17.620	ug/l	98
74) N-amyl acetate	12.279	43	75203	13.351	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	88313	16.897	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	49590m	13.119	ug/l	
77) Bromobenzene	12.749	156	129204	20.704	ug/l	82
78) n-propylbenzene	12.808	91	552511	16.807	ug/l	96
79) 2-Chlorotoluene	12.896	91	327766	17.171	ug/l	95
80) 1,3,5-Trimethylbenzene	12.949	105	385676	17.743	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.514	75	22658	15.732	ug/l	92
82) 4-Chlorotoluene	12.996	91	341572	17.219	ug/l	93
83) tert-Butylbenzene	13.214	119	324634	17.910	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	391126	18.250	ug/l	99
85) sec-Butylbenzene	13.391	105	482855	16.890	ug/l	96
86) p-Isopropyltoluene	13.502	119	409068	17.786	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	248908	19.315	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	240659	18.831	ug/l	98
89) n-Butylbenzene	13.832	91	348989	15.486	ug/l	98
90) Hexachloroethane	14.096	117	85785	16.621	ug/l	81
91) 1,2-Dichlorobenzene	13.873	146	213869	19.449	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12423	16.315	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	124235	19.553	ug/l	100
94) Hexachlorobutadiene	15.249	225	81808	19.542	ug/l	98
95) Naphthalene	15.385	128	192410	18.763	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	109246	19.786	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
Data File : VD070879.D
Acq On : 27 Oct 2021 23:48
Operator : VA/SY
Sample : VD1027SBS02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBS02

Manual Integrations
APPROVED

MMDadoda
10/29/2021 4:34:43 PM

Quant Time: Oct 28 04:04:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration

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

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

