

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070961.D
 Acq On : 09 Nov 2021 20:34
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 03:59:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	304595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	573764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	532551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191877	59.166	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.340%			
35) Dibromofluoromethane	7.914	113	175996	54.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.720%			
50) Toluene-d8	10.332	98	664433	52.403	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.620	95	240339	52.644	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	131115	50.383	ug/l	95
3) Chloromethane	2.209	50	186357	60.179	ug/l	99
4) Vinyl Chloride	2.344	62	182970	61.437	ug/l	98
5) Bromomethane	2.762	94	122647	60.419	ug/l	97
6) Chloroethane	2.921	64	123607	64.622	ug/l	92
7) Trichlorofluoromethane	3.268	101	254816	53.164	ug/l	100
8) Diethyl Ether	3.709	74	99566	62.768	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	156560	52.991	ug/l	98
10) Methyl Iodide	4.297	142	186443	52.441	ug/l	98
11) Tert butyl alcohol	5.220	59	74229	313.188	ug/l	99
12) 1,1-Dichloroethene	4.068	96	160687	55.555	ug/l	91
13) Acrolein	3.915	56	17874	246.674	ug/l	93
14) Allyl chloride	4.715	41	354990	58.924	ug/l #	86
15) Acrylonitrile	5.420	53	248616	327.542	ug/l	97
16) Acetone	4.156	43	213837	244.625	ug/l	89
17) Carbon Disulfide	4.403	76	524181	56.126	ug/l	99
18) Methyl Acetate	4.715	43	220090	79.105	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	485871	65.071	ug/l	99
20) Methylene Chloride	4.962	84	218859	59.436	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	194457	58.656	ug/l	89
22) Diisopropyl ether	6.356	45	743129	62.046	ug/l	94
23) Vinyl Acetate	6.303	43	1781945	276.331	ug/l	96
24) 1,1-Dichloroethane	6.262	63	383671	59.975	ug/l	99
25) 2-Butanone	7.209	43	331854	289.690	ug/l #	84
26) 2,2-Dichloropropane	7.203	77	286071	52.986	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	228787	60.371	ug/l	94
28) Bromochloromethane	7.538	49	169190	62.355	ug/l	89
29) Tetrahydrofuran	7.556	42	224296	340.395	ug/l	91
30) Chloroform	7.709	83	373977	61.488	ug/l	100
31) Cyclohexane	7.979	56	329980	49.478	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	305216	58.429	ug/l	95
36) 1,1-Dichloropropene	8.109	75	271795	53.056	ug/l	98
37) Ethyl Acetate	7.291	43	144489	61.821	ug/l #	94
38) Carbon Tetrachloride	8.091	117	250833	53.169	ug/l	99
39) Methylcyclohexane	9.350	83	326088	49.286	ug/l	100
40) Benzene	8.344	78	807789	55.991	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	91613	54.470	ug/l #	75
42) 1,2-Dichloroethane	8.420	62	245770	60.144	ug/l	96
43) Isopropyl Acetate	8.450	43	300409	60.733	ug/l #	89
44) Trichloroethene	9.108	130	205883	55.365	ug/l	97
45) 1,2-Dichloropropane	9.379	63	220136	56.421	ug/l	99
46) Dibromomethane	9.467	93	114218	61.503	ug/l	95
47) Bromodichloromethane	9.655	83	292702	59.588	ug/l	98
48) Methyl methacrylate	9.450	41	151887	62.595	ug/l #	81
49) 1,4-Dioxane	9.450	88	28475	1323.355	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	770001	321.091	ug/l	91
52) Toluene	10.397	92	509700	56.046	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	289165	58.376	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	328806	56.291	ug/l #	83
55) 1,1,2-Trichloroethane	10.791	97	153565	60.165	ug/l	97
56) Ethyl methacrylate	10.655	69	221423	61.312	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	280176	60.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	546305	290.980	ug/l	99
59) 2-Hexanone	10.979	43	524038	277.570	ug/l	90
60) Dibromochloromethane	11.132	129	184265	60.178	ug/l	100
61) 1,2-Dibromoethane	11.238	107	150298	60.535	ug/l	99
64) Tetrachloroethene	10.867	164	168831	54.367	ug/l	98
65) Chlorobenzene	11.661	112	529742	55.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	194992	57.817	ug/l	98
67) Ethyl Benzene	11.732	91	973686	54.110	ug/l	98
68) m/p-Xylenes	11.844	106	735005	109.289	ug/l	95
69) o-Xylene	12.173	106	363215	56.779	ug/l	99
70) Styrene	12.185	104	617717	57.030	ug/l	97
71) Bromoform	12.349	173	103462	58.828	ug/l #	98
73) Isopropylbenzene	12.467	105	917944	53.508	ug/l	100
74) N-amyl acetate	12.279	43	282406	57.621	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	176830	59.885	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	132260m	65.020	ug/l	
77) Bromobenzene	12.749	156	207930	56.727	ug/l	94
78) n-propylbenzene	12.808	91	1138657	53.566	ug/l	100
79) 2-Chlorotoluene	12.897	91	658750	54.351	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	771292	54.605	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	55651	52.520	ug/l #	86
82) 4-Chlorotoluene	12.991	91	691559	55.285	ug/l	99
83) tert-Butylbenzene	13.208	119	660799	54.308	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	770674	55.712	ug/l	99
85) sec-Butylbenzene	13.391	105	967792	52.906	ug/l	100
86) p-Isopropyltoluene	13.502	119	794975	54.122	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	399461	55.738	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	401144	55.903	ug/l	98
89) n-Butylbenzene	13.826	91	783399	53.069	ug/l	99
90) Hexachloroethane	14.096	117	159586	54.903	ug/l	91
91) 1,2-Dichlorobenzene	13.873	146	359319	57.861	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	27498	56.780	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	223723	56.308	ug/l	98
94) Hexachlorobutadiene	15.249	225	107744	53.769	ug/l	99
95) Naphthalene	15.379	128	461606	60.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	196888	58.936	ug/l	97

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD070961.D
Acq On : 09 Nov 2021 20:34
Operator : VA/SY
Sample : VSTDC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDC050EC

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