

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070840.D
 Acq On : 26 Oct 2021 15:09
 Operator : VA/SY
 Sample : VD1026SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

Quant Time: Oct 27 05:40:13 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

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	431138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	711529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	664831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	335280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	222612	51.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.680%	
35) Dibromofluoromethane	7.914	113	233890	49.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.700%	
50) Toluene-d8	10.332	98	910704	51.598	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.620	95	301912	51.843	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	77259	19.322	ug/l	94
3) Chloromethane	2.209	50	110349	19.499	ug/l	94
4) Vinyl Chloride	2.344	62	123554	19.736	ug/l	97
5) Bromomethane	2.750	94	90234	20.567	ug/l	98
6) Chloroethane	2.915	64	71435	18.470	ug/l	97
7) Trichlorofluoromethane	3.268	101	151117	19.599	ug/l	90
8) Diethyl Ether	3.709	74	43963	20.580	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	95008	19.118	ug/l	97
10) Methyl Iodide	4.297	142	81309	18.052	ug/l	99
11) Tert butyl alcohol	5.220	59	23580	102.320	ug/l #	82
12) 1,1-Dichloroethene	4.068	96	86990	19.997	ug/l	93
13) Acrolein	3.926	56	19727	95.457	ug/l	95
14) Allyl chloride	4.709	41	140059	20.552	ug/l	99
15) Acrylonitrile	5.415	53	103409	101.059	ug/l	99
16) Acetone	4.156	43	87413	86.649	ug/l	100
17) Carbon Disulfide	4.409	76	285942	18.593	ug/l	99
18) Methyl Acetate	4.715	43	71595	20.701	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	180846	19.985	ug/l	100
20) Methylene Chloride	4.962	84	132871	20.590	ug/l	96
21) trans-1,2-Dichloroethene	5.468	96	101254	19.642	ug/l	92
22) Diisopropyl ether	6.367	45	304917	21.576	ug/l	96
23) Vinyl Acetate	6.303	43	654481	100.817	ug/l	98
24) 1,1-Dichloroethane	6.267	63	189059	19.849	ug/l	99
25) 2-Butanone	7.209	43	120362	96.935	ug/l	97
26) 2,2-Dichloropropane	7.203	77	147738	19.441	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	110335	19.972	ug/l	99
28) Bromochloromethane	7.544	49	79036	21.161	ug/l	96
29) Tetrahydrofuran	7.556	42	77518	103.337	ug/l	99
30) Chloroform	7.709	83	192342	20.119	ug/l	96
31) Cyclohexane	7.979	56	175436	19.856	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	163915	20.076	ug/l	98
36) 1,1-Dichloropropene	8.109	75	146123	19.628	ug/l	97
37) Ethyl Acetate	7.291	43	48171	17.404	ug/l #	95
38) Carbon Tetrachloride	8.091	117	142451	19.029	ug/l	99
39) Methylcyclohexane	9.350	83	162475	18.966	ug/l	99
40) Benzene	8.344	78	426087	19.686	ug/l	99

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41) Methacrylonitrile	7.514	41	29602	20.217	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	109135	19.804	ug/l	100
43) Isopropyl Acetate	8.444	43	102313	19.885	ug/l	98
44) Trichloroethene	9.108	130	109226	19.533	ug/l	99
45) 1,2-Dichloropropane	9.379	63	113272	19.740	ug/l	98
46) Dibromomethane	9.467	93	53822	19.132	ug/l	99
47) Bromodichloromethane	9.656	83	139003	19.113	ug/l #	99
48) Methyl methacrylate	9.450	41	48673	19.799	ug/l	92
49) 1,4-Dioxane	9.461	88	12001	399.690	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	270866	100.396	ug/l	99
52) Toluene	10.397	92	262807	20.204	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	129562	20.441	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	155804	19.909	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	79328	19.882	ug/l	95
56) Ethyl methacrylate	10.655	69	85264	19.292	ug/l	97
57) 1,3-Dichloropropane	10.938	76	133106	19.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	197851	104.307	ug/l	100
59) 2-Hexanone	10.979	43	188555	97.901	ug/l	98
60) Dibromochloromethane	11.132	129	92192	19.257	ug/l	99
61) 1,2-Dibromoethane	11.238	107	72309	19.634	ug/l	98
64) Tetrachloroethene	10.867	164	92891	20.365	ug/l	97
65) Chlorobenzene	11.661	112	276219	20.251	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	100764	19.914	ug/l	99
67) Ethyl Benzene	11.738	91	468282	19.715	ug/l	100
68) m/p-Xylenes	11.844	106	378851	40.964	ug/l	100
69) o-Xylene	12.173	106	166037	19.822	ug/l	99
70) Styrene	12.185	104	293545	20.235	ug/l	99
71) Bromoform	12.355	173	53528	20.019	ug/l #	99
73) Isopropylbenzene	12.473	105	441923	19.761	ug/l	100
74) N-amyl acetate	12.279	43	98286	19.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	90072	19.738	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	65468m	19.836	ug/l	
77) Bromobenzene	12.749	156	109015	20.007	ug/l	99
78) n-propylbenzene	12.808	91	577293	20.112	ug/l	99
79) 2-Chlorotoluene	12.897	91	333599	20.016	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	382977	20.178	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	24714	19.653	ug/l	95
82) 4-Chlorotoluene	12.997	91	349348	20.169	ug/l	97
83) tert-Butylbenzene	13.214	119	311630	19.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	381241	20.373	ug/l	99
85) sec-Butylbenzene	13.391	105	497100	19.914	ug/l	99
86) p-Isopropyltoluene	13.502	119	404824	20.158	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	223970	19.905	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	221098	19.813	ug/l	97
89) n-Butylbenzene	13.832	91	384854	19.559	ug/l	99
90) Hexachloroethane	14.096	117	83755	18.585	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	187498	19.528	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12757	19.188	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	108451	19.548	ug/l	100
94) Hexachlorobutadiene	15.249	225	72153	19.739	ug/l	97
95) Naphthalene	15.385	128	180204	19.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	96286	19.973	ug/l	99

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

