

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071681.D
 Acq On : 12 Jan 2022 12:49
 Operator : VA/SY
 Sample : VD0112SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0112SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/13/2022
 Supervised By :Mahesh Dadoda 01/13/2022

Quant Time: Jan 13 05:28:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	285336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	491936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	453879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	207992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	197869	53.894	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.780%			
35) Dibromofluoromethane	7.914	113	171179	52.653	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.300%			
50) Toluene-d8	10.337	98	656871	53.975	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.960%			
62) 4-Bromofluorobenzene	12.626	95	222529	51.892	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	46670	21.269	ug/l	91
3) Chloromethane	2.214	50	61880	21.228	ug/l	94
4) Vinyl Chloride	2.356	62	73275	20.654	ug/l	97
5) Bromomethane	2.767	94	52496	21.758	ug/l	91
6) Chloroethane	2.926	64	52826	20.894	ug/l	99
7) Trichlorofluoromethane	3.273	101	105972	21.071	ug/l	99
8) Diethyl Ether	3.708	74	27034	20.438	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	61186	20.815	ug/l	98
10) Methyl Iodide	4.314	142	49803	17.720	ug/l	98
11) Tert butyl alcohol	5.197	59	35829	167.707	ug/l #	82
12) 1,1-Dichloroethene	4.073	96	51211	20.076	ug/l	92
13) Acrolein	3.920	56	33698	94.038	ug/l	97
14) Allyl chloride	4.714	41	102538	20.273	ug/l	100
15) Acrylonitrile	5.420	53	70620	101.025	ug/l	98
16) Acetone	4.155	43	79500	93.789	ug/l	98
17) Carbon Disulfide	4.414	76	126017	19.969	ug/l	96
18) Methyl Acetate	4.726	43	52509	21.330	ug/l	100
19) Methyl tert-butyl Ether	5.485	73	135264	20.088	ug/l	98
20) Methylene Chloride	4.967	84	72507	21.645	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	58049	19.927	ug/l #	88
22) Diisopropyl ether	6.361	45	224147	20.581	ug/l	97
23) Vinyl Acetate	6.308	43	511562	100.650	ug/l	98
24) 1,1-Dichloroethane	6.267	63	129839	20.885	ug/l	96
25) 2-Butanone	7.208	43	100839	100.688	ug/l	98
26) 2,2-Dichloropropane	7.214	77	108396	20.764	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	72251	21.014	ug/l	98
28) Bromochloromethane	7.549	49	59544	19.662	ug/l	100
29) Tetrahydrofuran	7.567	42	58968	102.350	ug/l	99
30) Chloroform	7.708	83	135610	21.332	ug/l	97
31) Cyclohexane	7.985	56	106238	21.090	ug/l #	94
32) 1,1,1-Trichloroethane	7.908	97	115130	20.548	ug/l	98
36) 1,1-Dichloropropene	8.114	75	93695	20.204	ug/l	99
37) Ethyl Acetate	7.291	43	40451	18.794	ug/l	98
38) Carbon Tetrachloride	8.091	117	100690	21.439	ug/l	96
39) Methylcyclohexane	9.361	83	98162	19.596	ug/l	92
40) Benzene	8.355	78	260070	20.353	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	22928	18.018	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	87377	20.201	ug/l	99
43) Isopropyl Acetate	8.449	43	84656	20.894	ug/l	100
44) Trichloroethene	9.114	130	65202	19.828	ug/l	97
45) 1,2-Dichloropropane	9.385	63	73132	21.172	ug/l	100
46) Dibromomethane	9.473	93	36544	20.670	ug/l	98
47) Bromodichloromethane	9.655	83	102710	21.160	ug/l	97
48) Methyl methacrylate	9.455	41	37744	18.435	ug/l	99
49) 1,4-Dioxane	9.461	88	7408	417.939	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	215094	100.505	ug/l	98
52) Toluene	10.402	92	166506	20.702	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	90173	21.177	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	104748	20.864	ug/l	98
55) 1,1,2-Trichloroethane	10.796	97	49611	21.405	ug/l	92
56) Ethyl methacrylate	10.655	69	56513	19.892	ug/l	97
57) 1,3-Dichloropropane	10.937	76	90004	21.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	152168	97.025	ug/l	100
59) 2-Hexanone	10.979	43	149971	100.331	ug/l	98
60) Dibromochloromethane	11.132	129	60785	20.604	ug/l	99
61) 1,2-Dibromoethane	11.237	107	45678	20.599	ug/l	97
64) Tetrachloroethene	10.873	164	55764	20.916	ug/l	96
65) Chlorobenzene	11.667	112	176841	20.361	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	66851	20.299	ug/l	97
67) Ethyl Benzene	11.737	91	321163	20.142	ug/l	96
68) m/p-Xylenes	11.849	106	250481	42.237	ug/l	95
69) o-Xylene	12.173	106	113985	20.307	ug/l	99
70) Styrene	12.190	104	195037	20.272	ug/l	99
71) Bromoform	12.355	173	34075	21.190	ug/l #	96
73) Isopropylbenzene	12.473	105	312097	20.880	ug/l	97
74) N-amyl acetate	12.279	43	76713	20.923	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	56208	21.222	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	40157m	19.981	ug/l	
77) Bromobenzene	12.755	156	68849	21.324	ug/l	98
78) n-propylbenzene	12.814	91	398041	21.174	ug/l	100
79) 2-Chlorotoluene	12.896	91	221703	20.925	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	257660	20.631	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	15064	20.896	ug/l	96
82) 4-Chlorotoluene	12.996	91	235403	21.416	ug/l	99
83) tert-Butylbenzene	13.214	119	233232	21.856	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	259066	20.976	ug/l	99
85) sec-Butylbenzene	13.390	105	348974	21.351	ug/l	100
86) p-Isopropyltoluene	13.508	119	284724	21.217	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	143059	21.471	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	142122	20.908	ug/l	99
89) n-Butylbenzene	13.831	91	282021	20.985	ug/l	100
90) Hexachloroethane	14.102	117	59079	22.252	ug/l	99
91) 1,2-Dichlorobenzene	13.878	146	122059	21.375	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	8665	20.355	ug/l	91
93) 1,2,4-Trichlorobenzene	15.149	180	67020	20.365	ug/l	96
94) Hexachlorobutadiene	15.255	225	41743	21.636	ug/l	95
95) Naphthalene	15.384	128	118781	20.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	60206	21.470	ug/l	99

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

