

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071521.D
 Acq On : 29 Dec 2021 11:41
 Operator : VA/SY
 Sample : VD1229SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1229SBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 29 15:26:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	298553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	512744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	479481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	237238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212588	53.616	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.240%			
35) Dibromofluoromethane	7.914	113	178815	51.890	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.780%			
50) Toluene-d8	10.337	98	652820	50.130	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.260%			
62) 4-Bromofluorobenzene	12.626	95	239985	51.860	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	65517	20.943	ug/l	94
3) Chloromethane	2.214	50	81129	20.253	ug/l	99
4) Vinyl Chloride	2.355	62	96412	20.084	ug/l	99
5) Bromomethane	2.755	94	67843	20.202	ug/l	96
6) Chloroethane	2.920	64	66990	21.028	ug/l	88
7) Trichlorofluoromethane	3.273	101	128478	21.863	ug/l	99
8) Diethyl Ether	3.708	74	37894	22.524	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.102	101	75351	22.039	ug/l	94
10) Methyl Iodide	4.302	142	60171	18.097	ug/l	97
11) Tert butyl alcohol	5.196	59	55056	167.896	ug/l #	84
12) 1,1-Dichloroethene	4.067	96	64126	20.616	ug/l	89
13) Acrolein	3.926	56	21079	110.051	ug/l	97
14) Allyl chloride	4.720	41	122033	20.743	ug/l #	77
15) Acrylonitrile	5.420	53	102364	123.551	ug/l	94
16) Acetone	4.155	43	116479	116.955	ug/l #	79
17) Carbon Disulfide	4.408	76	184988	18.253	ug/l	96
18) Methyl Acetate	4.720	43	74748	24.316	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	186086	23.176	ug/l	100
20) Methylene Chloride	4.961	84	100993	23.172	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	75745	21.025	ug/l	96
22) Diisopropyl ether	6.361	45	275787	23.027	ug/l #	87
23) Vinyl Acetate	6.302	43	706048	114.356	ug/l	97
24) 1,1-Dichloroethane	6.267	63	155180	22.601	ug/l	96
25) 2-Butanone	7.208	43	143574	120.691	ug/l	90
26) 2,2-Dichloropropane	7.208	77	124933	22.145	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	86608	21.735	ug/l	90
28) Bromochloromethane	7.543	49	62122	22.079	ug/l	88
29) Tetrahydrofuran	7.555	42	92373	129.329	ug/l	92
30) Chloroform	7.708	83	155669	22.470	ug/l	96
31) Cyclohexane	7.979	56	131250	19.486	ug/l #	95
32) 1,1,1-Trichloroethane	7.902	97	133575	21.740	ug/l #	92
36) 1,1-Dichloropropene	8.108	75	112285	20.395	ug/l	95
37) Ethyl Acetate	7.290	43	64127	25.230	ug/l #	90
38) Carbon Tetrachloride	8.090	117	117015	21.543	ug/l	99
39) Methylcyclohexane	9.355	83	125101	19.411	ug/l	97
40) Benzene	8.349	78	316128	21.359	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	34001	22.521	ug/l #	80
42) 1,2-Dichloroethane	8.426	62	110118	22.817	ug/l	93
43) Isopropyl Acetate	8.449	43	117103	23.216	ug/l #	90
44) Trichloroethene	9.108	130	79797	20.690	ug/l	93
45) 1,2-Dichloropropane	9.384	63	82698	21.533	ug/l	98
46) Dibromomethane	9.473	93	49255	23.214	ug/l	93
47) Bromodichloromethane	9.655	83	120937	22.450	ug/l	98
48) Methyl methacrylate	9.455	41	53446	21.412	ug/l #	78
49) 1,4-Dioxane	9.461	88	10634	443.513	ug/l #	88
51) 4-Methyl-2-Pentanone	10.226	43	323833	122.029	ug/l	88
52) Toluene	10.396	92	200905	21.369	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	116116	23.083	ug/l	100
54) cis-1,3-Dichloropropene	10.084	75	126633	21.785	ug/l #	77
55) 1,1,2-Trichloroethane	10.796	97	62832	23.330	ug/l	95
56) Ethyl methacrylate	10.655	69	82625	23.314	ug/l #	71
57) 1,3-Dichloropropane	10.937	76	115401	23.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	197902	116.573	ug/l	99
59) 2-Hexanone	10.979	43	227345	121.199	ug/l	88
60) Dibromochloromethane	11.131	129	79185	23.389	ug/l	97
61) 1,2-Dibromoethane	11.237	107	61229	22.954	ug/l	99
64) Tetrachloroethene	10.873	164	69371	20.820	ug/l	97
65) Chlorobenzene	11.661	112	211653	21.520	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.737	131	79755	22.197	ug/l	99
67) Ethyl Benzene	11.737	91	386929	21.139	ug/l	99
68) m/p-Xylenes	11.849	106	291976	41.987	ug/l	92
69) o-Xylene	12.173	106	137309	21.601	ug/l	96
70) Styrene	12.184	104	243567	22.057	ug/l	97
71) Bromoform	12.349	173	46891	24.117	ug/l #	98
73) Isopropylbenzene	12.473	105	374908	20.498	ug/l	98
74) N-amyl acetate	12.278	43	108872	22.187	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	76364	23.093	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	64551m	22.900	ug/l	
77) Bromobenzene	12.749	156	86396	21.228	ug/l	97
78) n-propylbenzene	12.814	91	471170	20.552	ug/l	99
79) 2-Chlorotoluene	12.896	91	266488	20.800	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	321064	21.282	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	21712	21.764	ug/l #	79
82) 4-Chlorotoluene	12.996	91	272402	20.497	ug/l	100
83) tert-Butylbenzene	13.214	119	269973	20.943	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	315527	21.133	ug/l	98
85) sec-Butylbenzene	13.390	105	413672	21.049	ug/l	98
86) p-Isopropyltoluene	13.508	119	337582	20.702	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	170076	20.750	ug/l	97
88) 1,4-Dichlorobenzene	13.584	146	168677	20.988	ug/l	97
89) n-Butylbenzene	13.831	91	327182	20.442	ug/l	98
90) Hexachloroethane	14.096	117	63122	20.434	ug/l	95
91) 1,2-Dichlorobenzene	13.878	146	149291	21.461	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13672	23.842	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	91514	21.588	ug/l	96
94) Hexachlorobutadiene	15.249	225	47077	20.731	ug/l	98
95) Naphthalene	15.384	128	174755	21.658	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	77519	21.143	ug/l	97

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

