

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113021\
 Data File : VD071083.D
 Acq On : 30 Nov 2021 12:50
 Operator : VA/SY
 Sample : VD1130SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1130SBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Dec 01 03:32:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	307787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	511976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	462992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	211870	50.000	ug/l	0.00

12/01/2021
 Supervised By : Mahesh
 Adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154349	42.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.480%
35) Dibromofluoromethane	7.914	113	144313	44.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.520%
50) Toluene-d8	10.337	98	533346	42.988	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.980%
62) 4-Bromofluorobenzene	12.626	95	188708	43.879	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.760%

12/01/2021

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	49824	18.983	ug/l	95
3) Chloromethane	2.214	50	66306	19.095	ug/l	95
4) Vinyl Chloride	2.356	62	71554	18.470	ug/l	99
5) Bromomethane	2.773	94	54081	19.365	ug/l	99
6) Chloroethane	2.932	64	49233	18.477	ug/l	92
7) Trichlorofluoromethane	3.279	101	94998	18.102	ug/l	98
8) Diethyl Ether	3.708	74	24413	17.159	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.108	101	54260	17.525	ug/l	96
10) Methyl Iodide	4.314	142	47474	16.547	ug/l	96
11) Tert butyl alcohol	5.208	59	41280	150.522	ug/l #	80
12) 1,1-Dichloroethene	4.079	96	49632	17.370	ug/l	89
13) Acrolein	3.926	56	25781	104.461	ug/l	99
14) Allyl chloride	4.720	41	92713	17.083	ug/l #	82
15) Acrylonitrile	5.432	53	59330	85.747	ug/l	97
16) Acetone	4.155	43	57062	82.968	ug/l	90
17) Carbon Disulfide	4.414	76	151754	18.140	ug/l	98
18) Methyl Acetate	4.720	43	47444	17.805	ug/l	93
19) Methyl tert-butyl Ether	5.485	73	117676	16.805	ug/l	99
20) Methylene Chloride	4.973	84	67269	15.584	ug/l	89
21) trans-1,2-Dichloroethene	5.479	96	55062	17.119	ug/l	82
22) Diisopropyl ether	6.361	45	181828	16.722	ug/l	93
23) Vinyl Acetate	6.308	43	405179	88.622	ug/l	98
24) 1,1-Dichloroethane	6.267	63	107063	17.118	ug/l	97
25) 2-Butanone	7.208	43	77205	90.157	ug/l #	83
26) 2,2-Dichloropropane	7.214	77	94412	16.601	ug/l	95
27) cis-1,2-Dichloroethene	7.214	96	63084	17.337	ug/l	91
28) Bromochloromethane	7.543	49	55572	20.457	ug/l	90
29) Tetrahydrofuran	7.561	42	46404	80.917	ug/l	95
30) Chloroform	7.708	83	107063	17.057	ug/l	99
31) Cyclohexane	7.985	56	105515	17.176	ug/l #	93
32) 1,1,1-Trichloroethane	7.902	97	96206	17.072	ug/l	94
36) 1,1-Dichloropropene	8.114	75	81376	17.006	ug/l	98
37) Ethyl Acetate	7.291	43	34166	16.529	ug/l	95
38) Carbon Tetrachloride	8.096	117	84114	17.832	ug/l	97
39) Methylcyclohexane	9.355	83	100291	17.426	ug/l	99
40) Benzene	8.355	78	229271	17.639	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.520	41	18366	19.160	ug/l	#	83
42) 1,2-Dichloroethane	8.426	62	69351	17.480	ug/l		95
43) Isopropyl Acetate	8.455	43	68138	18.639	ug/l		91
44) Trichloroethene	9.108	130	60654	17.502	ug/l		93
45) 1,2-Dichloropropane	9.385	63	59509	17.410	ug/l		91
46) Dibromomethane	9.473	93	30328	17.102	ug/l		92
47) Bromodichloromethane	9.661	83	77803	16.589	ug/l	#	88
48) Methyl methacrylate	9.449	41	33117	16.368	ug/l	#	79
49) 1,4-Dioxane	9.467	88	5577	325.784	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.226	43	173342	95.904	ug/l		91
52) Toluene	10.402	92	141187	17.120	ug/l		99
53) t-1,3-Dichloropropene	10.614	75	73362	17.014	ug/l		99
54) cis-1,3-Dichloropropene	10.085	75	84796	16.555	ug/l	#	78
55) 1,1,2-Trichloroethane	10.796	97	39988	17.189	ug/l		96
56) Ethyl methacrylate	10.655	69	49899	19.090	ug/l	#	75
57) 1,3-Dichloropropane	10.943	76	69042	16.894	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.937	63	161977	102.317	ug/l		96
59) 2-Hexanone	10.979	43	116722	91.844	ug/l		91
60) Dibromochloromethane	11.137	129	47750	16.515	ug/l		97
61) 1,2-Dibromoethane	11.243	107	39317	17.597	ug/l		97
64) Tetrachloroethene	10.879	164	50215	17.084	ug/l		89
65) Chlorobenzene	11.667	112	147712	17.195	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.737	131	54930	17.513	ug/l		98
67) Ethyl Benzene	11.737	91	270507	16.727	ug/l		99
68) m/p-Xylenes	11.849	106	205239	33.616	ug/l		96
69) o-Xylene	12.173	106	94992	16.554	ug/l		96
70) Styrene	12.190	104	160520	16.598	ug/l		96
71) Bromoform	12.349	173	27393	16.858	ug/l	#	95
73) Isopropylbenzene	12.473	105	261282	17.031	ug/l		98
74) N-amyl acetate	12.284	43	59500	18.252	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.726	83	45004	17.814	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	30991m	15.353	ug/l		
77) Bromobenzene	12.755	156	55889	16.819	ug/l		99
78) n-propylbenzene	12.814	91	319119	16.704	ug/l		96
79) 2-Chlorotoluene	12.896	91	183063	17.072	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	215710	17.051	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.520	75	12301	18.380	ug/l	#	76
82) 4-Chlorotoluene	12.996	91	185581	16.671	ug/l		100
83) tert-Butylbenzene	13.214	119	181809	16.735	ug/l		95
84) 1,2,4-Trimethylbenzene	13.261	105	211608	17.133	ug/l		99
85) sec-Butylbenzene	13.396	105	279689	16.855	ug/l		99
86) p-Isopropyltoluene	13.508	119	228399	16.829	ug/l		98
87) 1,3-Dichlorobenzene	13.508	146	112815	17.055	ug/l		98
88) 1,4-Dichlorobenzene	13.584	146	112906	17.228	ug/l		98
89) n-Butylbenzene	13.831	91	224376	16.936	ug/l		99
90) Hexachloroethane	14.102	117	43639	16.962	ug/l		92
91) 1,2-Dichlorobenzene	13.878	146	96574	17.168	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	7060	17.160	ug/l		98
93) 1,2,4-Trichlorobenzene	15.149	180	59884	17.067	ug/l		98
94) Hexachlorobutadiene	15.249	225	35434	17.848	ug/l		97
95) Naphthalene	15.384	128	101231	16.366	ug/l		99
96) 1,2,3-Trichlorobenzene	15.578	180	49907	16.746	ug/l		95

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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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