

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112921\
 Data File : VD071074.D
 Acq On : 29 Nov 2021 16:12
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 29 16:59:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 16:57:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	316677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	537350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	492195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	226164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	77609	22.868	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	45.740%#		
35) Dibromofluoromethane	7.914	113	69204	22.303	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	44.600%#		
50) Toluene-d8	10.338	98	262147	21.762	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	43.520%#		
62) 4-Bromofluorobenzene	12.626	95	89973	20.820	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	41.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	57135	21.205	ug/l	97
3) Chloromethane	2.215	50	72471	22.152	ug/l	98
4) Vinyl Chloride	2.356	62	77795	24.058	ug/l	100
5) Bromomethane	2.762	94	54084	24.195	ug/l	95
6) Chloroethane	2.926	64	53700	25.398	ug/l	90
7) Trichlorofluoromethane	3.279	101	102114	20.251	ug/l	96
8) Diethyl Ether	3.715	74	27662	17.131	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	59910	19.406	ug/l	96
10) Methyl Iodide	4.309	142	55571	18.381	ug/l	94
11) Tert butyl alcohol	5.197	59	44062	177.999	ug/l #	85
12) 1,1-Dichloroethene	4.073	96	53341	17.908	ug/l	85
13) Acrolein	3.926	56	29884	272.532	ug/l	100
14) Allyl chloride	4.720	41	104139	16.977	ug/l #	84
15) Acrylonitrile	5.426	53	71336	92.946	ug/l	97
16) Acetone	4.156	43	67818	80.659	ug/l	92
17) Carbon Disulfide	4.415	76	171363	18.075	ug/l	98
18) Methyl Acetate	4.720	43	56680	20.128	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	133901	17.534	ug/l	100
20) Methylene Chloride	4.973	84	80381	19.103	ug/l	91
21) trans-1,2-Dichloroethene	5.479	96	60561	17.736	ug/l	93
22) Diisopropyl ether	6.361	45	203128	16.632	ug/l	91
23) Vinyl Acetate	6.309	43	478854m	81.991	ug/l	
24) 1,1-Dichloroethane	6.261	63	116702	17.626	ug/l	99
25) 2-Butanone	7.208	43	95026	90.818	ug/l #	82
26) 2,2-Dichloropropane	7.214	77	104003	18.392	ug/l	93
27) cis-1,2-Dichloroethene	7.208	96	67163	17.134	ug/l	90
28) Bromochloromethane	7.544	49	58915	21.039	ug/l	92
29) Tetrahydrofuran	7.561	42	59134	89.445	ug/l	93
30) Chloroform	7.714	83	119624	18.808	ug/l	95
31) Cyclohexane	7.985	56	115766	16.920	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	104397	18.952	ug/l	95
36) 1,1-Dichloropropene	8.114	75	92561	19.119	ug/l	95
37) Ethyl Acetate	7.291	43	40031	18.706	ug/l	96
38) Carbon Tetrachloride	8.103	117	89409	19.790	ug/l	98
39) Methylcyclohexane	9.355	83	107166	17.322	ug/l	93
40) Benzene	8.350	78	245784	18.150	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	25725	17.833	ug/l #	79
42) 1,2-Dichloroethane	8.426	62	78420	20.303	ug/l	93
43) Isopropyl Acetate	8.450	43	81381	17.942	ug/l #	90
44) Trichloroethene	9.114	130	66007	18.775	ug/l	97
45) 1,2-Dichloropropane	9.385	63	65662	17.947	ug/l	95
46) Dibromomethane	9.479	93	34557	19.791	ug/l	95
47) Bromodichloromethane	9.661	83	88838	19.097	ug/l	99
48) Methyl methacrylate	9.455	41	40270	18.050	ug/l #	83
49) 1,4-Dioxane	9.455	88	7027	356.157	ug/l #	80
51) 4-Methyl-2-Pentanone	10.226	43	208702	94.649	ug/l	90
52) Toluene	10.402	92	151381	17.661	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	81386	17.547	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	96718	17.632	ug/l #	82
55) 1,1,2-Trichloroethane	10.791	97	45986	19.255	ug/l	93
56) Ethyl methacrylate	10.655	69	57152	17.336	ug/l #	72
57) 1,3-Dichloropropane	10.944	76	79549	18.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	179159	104.776	ug/l	99
59) 2-Hexanone	10.979	43	141577	87.933	ug/l	88
60) Dibromochloromethane	11.138	129	54967	19.099	ug/l	99
61) 1,2-Dibromoethane	11.244	107	44223	19.097	ug/l	98
64) Tetrachloroethene	10.873	164	55202	18.894	ug/l	97
65) Chlorobenzene	11.667	112	156396	17.657	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	60481	19.179	ug/l	96
67) Ethyl Benzene	11.738	91	295471	17.596	ug/l	100
68) m/p-Xylenes	11.849	106	221401	35.136	ug/l	95
69) o-Xylene	12.173	106	106082	17.800	ug/l	99
70) Styrene	12.191	104	178739	17.666	ug/l	97
71) Bromoform	12.355	173	31916	19.486	ug/l #	97
73) Isopropylbenzene	12.473	105	280634	17.113	ug/l	99
74) N-amyl acetate	12.279	43	70879	15.689	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	52070	18.750	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	44173m	22.804	ug/l	
77) Bromobenzene	12.755	156	64076	18.279	ug/l	97
78) n-propylbenzene	12.814	91	351645	17.272	ug/l	99
79) 2-Chlorotoluene	12.902	91	197758	17.117	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	233621	17.242	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	15554	17.385	ug/l #	82
82) 4-Chlorotoluene	12.996	91	203692	17.050	ug/l	98
83) tert-Butylbenzene	13.214	119	196923	16.889	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	232042	17.508	ug/l	97
85) sec-Butylbenzene	13.391	105	306531	17.453	ug/l	100
86) p-Isopropyltoluene	13.508	119	248092	17.525	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	121497	17.607	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	122697	17.784	ug/l	97
89) n-Butylbenzene	13.832	91	234811	16.582	ug/l	100
90) Hexachloroethane	14.102	117	47086	16.939	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	107296	18.080	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	8631	19.053	ug/l	100
93) 1,2,4-Trichlorobenzene	15.143	180	66858	17.615	ug/l	99
94) Hexachlorobutadiene	15.249	225	36073	18.509	ug/l	97
95) Naphthalene	15.385	128	120801	16.993	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	55459	17.417	ug/l	96

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

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