

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071005.D
 Acq On : 12 Nov 2021 00:55
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/19/2021
 Supervised By :Semsettin Yesilyurt 11/19/2021

Quant Time: Nov 12 09:05:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	233908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	431611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	389572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	176028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	150309	60.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.700%			
35) Dibromofluoromethane	7.914	113	142070	58.333	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.660%			
50) Toluene-d8	10.332	98	520721	54.594	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.180%			
62) 4-Bromofluorobenzene	12.620	95	184956	53.856	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	97384	48.730	ug/l	99
3) Chloromethane	2.209	50	147459	62.009	ug/l	96
4) Vinyl Chloride	2.350	62	150740	65.911	ug/l	97
5) Bromomethane	2.768	94	106813	68.521	ug/l	98
6) Chloroethane	2.921	64	105715	71.970	ug/l	92
7) Trichlorofluoromethane	3.268	101	200922	54.588	ug/l	96
8) Diethyl Ether	3.709	74	69317	56.904	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	115185	50.768	ug/l	97
10) Methyl Iodide	4.303	142	142212	52.128	ug/l	99
11) Tert butyl alcohol	5.220	59	48133	264.455	ug/l	96
12) 1,1-Dichloroethene	4.068	96	116164	52.299	ug/l #	82
13) Acrolein	3.921	56	9631	171.447	ug/l	99
14) Allyl chloride	4.715	41	251469	54.355	ug/l #	83
15) Acrylonitrile	5.420	53	170595	292.673	ug/l	97
16) Acetone	4.156	43	140435	212.071	ug/l	90
17) Carbon Disulfide	4.409	76	357179	49.802	ug/l	98
18) Methyl Acetate	4.709	43	134331	62.872	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	342357	59.707	ug/l	97
20) Methylene Chloride	4.968	84	159512	56.388	ug/l #	87
21) trans-1,2-Dichloroethene	5.468	96	139609	54.838	ug/l	87
22) Diisopropyl ether	6.362	45	534135	58.074	ug/l	94
23) Vinyl Acetate	6.303	43	1262523	256.572	ug/l	96
24) 1,1-Dichloroethane	6.262	63	281655	57.334	ug/l	99
25) 2-Butanone	7.209	43	217802	250.546	ug/l	90
26) 2,2-Dichloropropane	7.209	77	210581	50.791	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	167910	57.697	ug/l	94
28) Bromochloromethane	7.544	49	119262	57.237	ug/l	88
29) Tetrahydrofuran	7.556	42	148277	293.031	ug/l	92
30) Chloroform	7.709	83	281846	60.344	ug/l	99
31) Cyclohexane	7.985	56	235678	46.017	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	233889	58.306	ug/l	96
36) 1,1-Dichloropropene	8.109	75	197245	51.184	ug/l	98
37) Ethyl Acetate	7.291	43	100318	57.058	ug/l #	92
38) Carbon Tetrachloride	8.097	117	190978	53.815	ug/l	97
39) Methylcyclohexane	9.350	83	229301	46.072	ug/l	98
40) Benzene	8.350	78	593724	54.708	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	58865	46.832	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	184696	60.085	ug/l	94
43) Isopropyl Acetate	8.450	43	210054	56.453	ug/l #	87
44) Trichloroethene	9.109	130	151659	54.216	ug/l	94
45) 1,2-Dichloropropane	9.385	63	161856	55.147	ug/l	100
46) Dibromomethane	9.473	93	82800	59.270	ug/l	95
47) Bromodichloromethane	9.661	83	216316	58.541	ug/l	100
48) Methyl methacrylate	9.450	41	103062	56.462	ug/l #	78
49) 1,4-Dioxane	9.456	88	18278	1129.229	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	518845	287.617	ug/l	91
52) Toluene	10.397	92	372120	54.395	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	203626	54.647	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	237198	53.982	ug/l #	84
55) 1,1,2-Trichloroethane	10.797	97	109428	56.992	ug/l	96
56) Ethyl methacrylate	10.656	69	151495	55.765	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	199456	57.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	399695	283.007	ug/l	99
59) 2-Hexanone	10.979	43	349433	247.855	ug/l	90
60) Dibromochloromethane	11.132	129	136656	59.328	ug/l	98
61) 1,2-Dibromoethane	11.238	107	107736	57.684	ug/l	100
64) Tetrachloroethene	10.867	164	124631	54.863	ug/l	98
65) Chlorobenzene	11.661	112	387740	55.783	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	142724	57.851	ug/l	98
67) Ethyl Benzene	11.738	91	717970	54.543	ug/l	100
68) m/p-Xylenes	11.844	106	540926	109.950	ug/l	95
69) o-Xylene	12.173	106	261662	55.916	ug/l	96
70) Styrene	12.185	104	444248	56.068	ug/l	96
71) Bromoform	12.350	173	76364	59.356	ug/l #	100
73) Isopropylbenzene	12.467	105	670615	52.882	ug/l	100
74) N-amyl acetate	12.279	43	194409	53.661	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	122605	56.170	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	98467m	65.486	ug/l	
77) Bromobenzene	12.749	156	152304	56.210	ug/l	96
78) n-propylbenzene	12.808	91	831249	52.901	ug/l	100
79) 2-Chlorotoluene	12.897	91	484276	54.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	554204	53.078	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	35557	45.851	ug/l #	83
82) 4-Chlorotoluene	12.997	91	490126	53.006	ug/l	100
83) tert-Butylbenzene	13.214	119	480141	53.382	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	552643	54.045	ug/l	97
85) sec-Butylbenzene	13.391	105	704713	52.116	ug/l	99
86) p-Isopropyltoluene	13.502	119	577326	53.171	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	291641	55.050	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	288352	54.362	ug/l	98
89) n-Butylbenzene	13.832	91	548124	50.231	ug/l	99
90) Hexachloroethane	14.096	117	117046	54.475	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	256941	55.973	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	20162	56.320	ug/l	97
93) 1,2,4-Trichlorobenzene	15.144	180	154610	52.642	ug/l	98
94) Hexachlorobutadiene	15.249	225	80091	54.071	ug/l	100
95) Naphthalene	15.379	128	317807	56.670	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	136657	55.339	ug/l	98

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

