

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122221\
 Data File : VD071427.D
 Acq On : 22 Dec 2021 18:25
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Quant Time: Dec 23 07:16:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 07:15:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	353318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	611027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	551167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	23772	6.181	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.360%#		
35) Dibromofluoromethane	7.914	113	19930	5.610	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.220%#		
50) Toluene-d8	10.332	98	73231	5.409	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.820%#		
62) 4-Bromofluorobenzene	12.626	95	26975	5.739	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.480%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	21791	7.785	ug/l	83
3) Chloromethane	2.209	50	27435	7.447	ug/l	97
4) Vinyl Chloride	2.350	62	32070	7.794	ug/l	96
5) Bromomethane	2.762	94	24204	8.165	ug/l	95
6) Chloroethane	2.921	64	19984	7.134	ug/l	96
7) Trichlorofluoromethane	3.273	101	38153	6.936	ug/l #	84
8) Diethyl Ether	3.715	74	11365	7.579	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	22605	6.995	ug/l	91
10) Methyl Iodide	4.303	142	16864	5.300	ug/l	99
11) Tert butyl alcohol	5.191	59	22379	50.021	ug/l #	75
12) 1,1-Dichloroethene	4.073	96	20992	7.025	ug/l #	86
13) Acrolein	3.921	56	6172m	23.810	ug/l	
14) Allyl chloride	4.709	41	36453	6.460	ug/l #	80
15) Acrylonitrile	5.415	53	25797	35.067	ug/l	93
16) Acetone	4.162	43	32710	36.100	ug/l #	85
17) Carbon Disulfide	4.409	76	63813	7.184	ug/l	97
18) Methyl Acetate	4.715	43	22839	8.023	ug/l	95
19) Methyl tert-butyl Ether	5.468	73	49219	6.681	ug/l	98
20) Methylene Chloride	4.968	84	46989	9.577	ug/l	87
21) trans-1,2-Dichloroethene	5.462	96	23267	6.926	ug/l	95
22) Diisopropyl ether	6.356	45	70627	6.235	ug/l #	88
23) Vinyl Acetate	6.303	43	158715	29.371	ug/l	96
24) 1,1-Dichloroethane	6.256	63	43824	6.744	ug/l	96
25) 2-Butanone	7.214	43	37480	35.806	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	34363	5.859	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	24367	6.448	ug/l	88
28) Bromochloromethane	7.544	49	18590	6.589	ug/l	91
29) Tetrahydrofuran	7.567	42	21663	35.221	ug/l	92
30) Chloroform	7.709	83	43164	6.597	ug/l	97
31) Cyclohexane	7.979	56	48389	7.484	ug/l #	87
32) 1,1,1-Trichloroethane	7.897	97	38669	6.621	ug/l	93
36) 1,1-Dichloropropene	8.114	75	33357	6.425	ug/l	98
37) Ethyl Acetate	7.297	43	13771	5.969	ug/l #	93
38) Carbon Tetrachloride	8.097	117	32034	6.278	ug/l	85
39) Methylcyclohexane	9.350	83	38758	6.215	ug/l	97
40) Benzene	8.344	78	90458	6.418	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	8889	6.499	ug/l #	81
42) 1,2-Dichloroethane	8.414	62	29517	6.784	ug/l	97
43) Isopropyl Acetate	8.450	43	30594	6.820	ug/l #	88
44) Trichloroethene	9.108	130	25047	6.690	ug/l	99
45) 1,2-Dichloropropane	9.379	63	24689	6.685	ug/l	93
46) Dibromomethane	9.473	93	13599	7.002	ug/l	91
47) Bromodichloromethane	9.656	83	32637	6.408	ug/l #	95
48) Methyl methacrylate	9.450	41	14888	6.684	ug/l #	85
49) 1,4-Dioxane	9.450	88	2975	154.973	ug/l #	71
51) 4-Methyl-2-Pentanone	10.226	43	80872	35.534	ug/l	88
52) Toluene	10.397	92	55376	6.211	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	31059	6.656	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	33109	5.980	ug/l #	84
55) 1,1,2-Trichloroethane	10.797	97	16303	6.396	ug/l	95
56) Ethyl methacrylate	10.655	69	19625	6.099	ug/l #	63
57) 1,3-Dichloropropane	10.938	76	29932	6.712	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	53536	30.671	ug/l	98
59) 2-Hexanone	10.979	43	54580	32.960	ug/l	87
60) Dibromochloromethane	11.132	129	19661	6.216	ug/l	95
61) 1,2-Dibromoethane	11.238	107	16745	6.830	ug/l	98
64) Tetrachloroethene	10.873	164	21053	6.654	ug/l	89
65) Chlorobenzene	11.661	112	58714	6.368	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	21416	6.357	ug/l	93
67) Ethyl Benzene	11.738	91	103885	6.005	ug/l	97
68) m/p-Xylenes	11.844	106	77562	11.853	ug/l	96
69) o-Xylene	12.173	106	34695	5.655	ug/l	90
70) Styrene	12.191	104	60329	5.837	ug/l	97
71) Bromoform	12.349	173	10765	6.081	ug/l #	98
73) Isopropylbenzene	12.467	105	97922	5.893	ug/l	97
74) N-amyl acetate	12.279	43	25893	6.315	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	18211	6.526	ug/l	91
76) 1,2,3-Trichloropropane	12.773	75	16701m	7.258	ug/l	
77) Bromobenzene	12.755	156	23557	6.506	ug/l	97
78) n-propylbenzene	12.808	91	120139	5.798	ug/l	97
79) 2-Chlorotoluene	12.897	91	70481	6.051	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	78004	5.694	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	6249	7.414	ug/l #	85
82) 4-Chlorotoluene	12.996	91	71878	5.937	ug/l	99
83) tert-Butylbenzene	13.214	119	67540	5.740	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	78989	5.909	ug/l	97
85) sec-Butylbenzene	13.391	105	103787	5.777	ug/l	99
86) p-Isopropyltoluene	13.502	119	84489	5.753	ug/l	96
87) 1,3-Dichlorobenzene	13.508	146	47780	6.643	ug/l	95
88) 1,4-Dichlorobenzene	13.585	146	45887	6.414	ug/l	93
89) n-Butylbenzene	13.832	91	85126	5.954	ug/l	95
90) Hexachloroethane	14.096	117	16596	5.985	ug/l	90
91) 1,2-Dichlorobenzene	13.879	146	39065	6.363	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	3867	8.393	ug/l	79
93) 1,2,4-Trichlorobenzene	15.143	180	22935	6.026	ug/l	96
94) Hexachlorobutadiene	15.255	225	12950	6.050	ug/l	97
95) Naphthalene	15.385	128	43086	6.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	20666	6.376	ug/l	98

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

