

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072016.D
 Acq On : 18 Feb 2022 09:23
 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 02/19/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 19 03:38:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	499098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	831141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	762867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	366803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	27738	5.358	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.720%#		
35) Dibromofluoromethane	7.914	113	26489	5.260	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.520%#		
50) Toluene-d8	10.332	98	90795	4.862	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.720%#		
62) 4-Bromofluorobenzene	12.626	95	34692	5.057	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	27701	5.887	ug/l	93
3) Chloromethane	2.209	50	29155	6.552	ug/l	93
4) Vinyl Chloride	2.350	62	27249	6.414	ug/l	99
5) Bromomethane	2.768	94	21230	7.169	ug/l	99
6) Chloroethane	2.921	64	16879	6.286	ug/l	92
7) Trichlorofluoromethane	3.273	101	49053	5.968	ug/l	97
8) Diethyl Ether	3.709	74	12619	5.386	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.103	101	29112	5.669	ug/l	95
10) Methyl Iodide	4.303	142	22643	4.481	ug/l	99
11) Tert butyl alcohol	5.220	59	9182	31.084	ug/l	100
12) 1,1-Dichloroethene	4.068	96	27554	6.041	ug/l	88
13) Acrolein	3.920	56	16094	27.630	ug/l	91
14) Allyl chloride	4.720	41	43339	5.422	ug/l	97
15) Acrylonitrile	5.420	53	31745	25.069	ug/l	95
16) Acetone	4.156	43	34583	30.909	ug/l	92
17) Carbon Disulfide	4.409	76	96328	7.368	ug/l	99
18) Methyl Acetate	4.715	43	24073	7.530	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	54971	4.954	ug/l	91
20) Methylene Chloride	4.962	84	34839	6.256	ug/l #	94
21) trans-1,2-Dichloroethene	5.467	96	29648	5.785	ug/l #	89
22) Diisopropyl ether	6.356	45	81556	4.886	ug/l	95
23) Vinyl Acetate	6.309	43	183730	20.613	ug/l	99
24) 1,1-Dichloroethane	6.262	63	54790	5.518	ug/l	97
25) 2-Butanone	7.209	43	40782	26.372	ug/l	99
26) 2,2-Dichloropropane	7.209	77	43881	5.522	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	31555	5.374	ug/l	98
28) Bromochloromethane	7.538	49	21481	5.075	ug/l #	13
29) Tetrahydrofuran	7.561	42	25376	25.712	ug/l	98
30) Chloroform	7.708	83	57083	5.599	ug/l	99
31) Cyclohexane	7.979	56	59162	6.470	ug/l #	78
32) 1,1,1-Trichloroethane	7.903	97	49371	5.627	ug/l	98
36) 1,1-Dichloropropene	8.108	75	44056	5.776	ug/l	99
37) Ethyl Acetate	7.285	43	19622	5.547	ug/l #	82
38) Carbon Tetrachloride	8.091	117	42933	5.491	ug/l	94
39) Methylcyclohexane	9.350	83	50779	5.688	ug/l	91
40) Benzene	8.344	78	119539	5.554	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	11698	5.333	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	35017	5.424	ug/l	100
43) Isopropyl Acetate	8.450	43	33360	5.065	ug/l	97
44) Trichloroethene	9.108	130	33021	5.629	ug/l	100
45) 1,2-Dichloropropane	9.385	63	31286	5.449	ug/l	95
46) Dibromomethane	9.467	93	16718	5.518	ug/l	97
47) Bromodichloromethane	9.655	83	41323	5.287	ug/l	98
48) Methyl methacrylate	9.450	41	17061	5.128	ug/l	94
49) 1,4-Dioxane	9.455	88	4169	115.987	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	83211	23.837	ug/l	95
52) Toluene	10.397	92	74096	5.379	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	36372	5.088	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	44374	5.245	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	21962	5.151	ug/l	93
56) Ethyl methacrylate	10.655	69	23014	4.520	ug/l	97
57) 1,3-Dichloropropane	10.938	76	38472	5.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	58426	25.648	ug/l	99
59) 2-Hexanone	10.979	43	58739	24.669	ug/l	93
60) Dibromochloromethane	11.132	129	28453	5.344	ug/l	99
61) 1,2-Dibromoethane	11.244	107	21963	5.390	ug/l	98
64) Tetrachloroethene	10.867	164	28887	5.998	ug/l	93
65) Chlorobenzene	11.661	112	79815	5.398	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	28433	5.181	ug/l	98
67) Ethyl Benzene	11.738	91	133895	5.150	ug/l	99
68) m/p-Xylenes	11.844	106	102128	10.262	ug/l	99
69) o-Xylene	12.173	106	46444	4.961	ug/l	95
70) Styrene	12.185	104	74894	4.662	ug/l	96
71) Bromoform	12.349	173	16981	5.396	ug/l #	95
73) Isopropylbenzene	12.473	105	122321	4.857	ug/l	100
74) N-amyl acetate	12.279	43	29281	4.815	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	26985	5.419	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	17723m	4.586	ug/l	
77) Bromobenzene	12.755	156	30390	5.153	ug/l	98
78) n-propylbenzene	12.814	91	149196	4.820	ug/l	100
79) 2-Chlorotoluene	12.896	91	88772	4.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	99349	4.724	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	7056	5.086	ug/l	95
82) 4-Chlorotoluene	12.996	91	94784	5.083	ug/l	100
83) tert-Butylbenzene	13.214	119	84079	4.653	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	96660	4.676	ug/l	99
85) sec-Butylbenzene	13.391	105	131171	4.766	ug/l	99
86) p-Isopropyltoluene	13.502	119	107309	4.740	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	61844	5.187	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	65232	5.445	ug/l	94
89) n-Butylbenzene	13.832	91	101350	4.708	ug/l	100
90) Hexachloroethane	14.096	117	23182	5.102	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	54130	5.177	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	3907	5.037	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	31754	4.945	ug/l	99
94) Hexachlorobutadiene	15.249	225	18015	5.102	ug/l	97
95) Naphthalene	15.385	128	49563	4.251	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	24770	4.472	ug/l	99

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

