

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072022.D
 Acq On : 18 Feb 2022 18:10
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD021822

Quant Time: Feb 19 04:06:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/19/2022
 Supervised By :Mahesh Dadoda 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	589076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	963707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	888797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	416241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	297297	48.654	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.300%		
35) Dibromofluoromethane	7.909	113	282537	48.389	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.780%		
50) Toluene-d8	10.332	98	1104867	51.027	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.060%		
62) 4-Bromofluorobenzene	12.626	95	386131	48.548	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	241668	43.512	ug/l	96
3) Chloromethane	2.209	50	235866	46.928	ug/l	98
4) Vinyl Chloride	2.350	62	230016	45.874	ug/l	94
5) Bromomethane	2.768	94	152599	48.568	ug/l	96
6) Chloroethane	2.926	64	144707	45.660	ug/l	96
7) Trichlorofluoromethane	3.279	101	434542	44.796	ug/l	98
8) Diethyl Ether	3.709	74	139832	50.566	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	272716	44.997	ug/l	100
10) Methyl Iodide	4.303	142	296029	44.611	ug/l	99
11) Tert butyl alcohol	5.220	59	84939	243.627	ug/l #	89
12) 1,1-Dichloroethene	4.068	96	250379	46.511	ug/l	96
13) Acrolein	3.921	56	152770	222.212	ug/l	100
14) Allyl chloride	4.715	41	454054	48.128	ug/l	99
15) Acrylonitrile	5.420	53	362019	242.218	ug/l	99
16) Acetone	4.156	43	337761	255.767	ug/l	100
17) Carbon Disulfide	4.409	76	704110	47.030	ug/l	99
18) Methyl Acetate	4.721	43	160978	47.923	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	675915	51.613	ug/l	98
20) Methylene Chloride	4.962	84	292823	44.553	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	283542	46.877	ug/l	94
22) Diisopropyl ether	6.362	45	957304	48.593	ug/l	99
23) Vinyl Acetate	6.303	43	2815452	267.619	ug/l	100
24) 1,1-Dichloroethane	6.267	63	536294	45.759	ug/l	99
25) 2-Butanone	7.209	43	454483	249.005	ug/l	99
26) 2,2-Dichloropropane	7.209	77	438230	46.728	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	331338	47.811	ug/l	99
28) Bromochloromethane	7.544	49	246850	49.407	ug/l	99
29) Tetrahydrofuran	7.562	42	298862	256.567	ug/l	99
30) Chloroform	7.709	83	545051	45.296	ug/l	96
31) Cyclohexane	7.985	56	496023	45.958	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	481182	46.467	ug/l	98
36) 1,1-Dichloropropene	8.109	75	418044	47.266	ug/l	99
37) Ethyl Acetate	7.291	43	205967	50.219	ug/l	99
38) Carbon Tetrachloride	8.097	117	414418	45.715	ug/l	98
39) Methylcyclohexane	9.350	83	511842	49.446	ug/l	98
40) Benzene	8.344	78	1166002	46.720	ug/l	98

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41) Methacrylonitrile	7.514	41	119606	47.028	ug/l	97
42) 1,2-Dichloroethane	8.420	62	355997	47.553	ug/l	99
43) Isopropyl Acetate	8.450	43	384493	50.343	ug/l	99
44) Trichloroethene	9.108	130	315572	46.393	ug/l	99
45) 1,2-Dichloropropane	9.385	63	304233	45.700	ug/l	99
46) Dibromomethane	9.473	93	166260	47.324	ug/l	98
47) Bromodichloromethane	9.656	83	419949	46.339	ug/l	100
48) Methyl methacrylate	9.450	41	195196	50.594	ug/l	94
49) 1,4-Dioxane	9.456	88	40573	973.518	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	1020971	252.240	ug/l	100
52) Toluene	10.397	92	760109	47.592	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	403706	48.708	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	464379	47.339	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	230988	46.721	ug/l	95
56) Ethyl methacrylate	10.655	69	308857	52.313	ug/l	98
57) 1,3-Dichloropropane	10.938	76	410547	48.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	648456	245.506	ug/l	100
59) 2-Hexanone	10.979	43	709216	256.885	ug/l	100
60) Dibromochloromethane	11.132	129	292166	47.322	ug/l	99
61) 1,2-Dibromoethane	11.238	107	223426	47.290	ug/l	100
64) Tetrachloroethene	10.867	164	255423	45.519	ug/l	98
65) Chlorobenzene	11.661	112	807316	46.867	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	299672	46.873	ug/l	99
67) Ethyl Benzene	11.738	91	1462700	48.291	ug/l	99
68) m/p-Xylenes	11.844	106	1128138	97.294	ug/l	100
69) o-Xylene	12.173	106	539887	49.496	ug/l	99
70) Styrene	12.185	104	922713	49.294	ug/l	100
71) Bromoform	12.350	173	172663	47.089	ug/l #	97
73) Isopropylbenzene	12.473	105	1435734	50.237	ug/l	100
74) N-amyl acetate	12.279	43	364782	52.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	271007	47.962	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	178699m	45.324	ug/l	
77) Bromobenzene	12.749	156	325703	48.666	ug/l	97
78) n-propylbenzene	12.814	91	1767600	50.319	ug/l	100
79) 2-Chlorotoluene	12.897	91	1001820	49.275	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1196422	50.135	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	80086	50.866	ug/l	96
82) 4-Chlorotoluene	12.997	91	1030939	48.720	ug/l	99
83) tert-Butylbenzene	13.214	119	1033979	50.429	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	1174229	50.053	ug/l	99
85) sec-Butylbenzene	13.391	105	1574838	50.421	ug/l	100
86) p-Isopropyltoluene	13.502	119	1295712	50.437	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	648616	47.943	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	649913	47.809	ug/l	98
89) n-Butylbenzene	13.832	91	1227595	50.253	ug/l	98
90) Hexachloroethane	14.096	117	247985	48.091	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	577544	48.680	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	44633	50.705	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	373348	51.232	ug/l	99
94) Hexachlorobutadiene	15.255	225	199826	49.866	ug/l	100
95) Naphthalene	15.385	128	725967	54.876	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	324381	51.605	ug/l	99

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

