

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071822\
 Data File : VD073855.D
 Acq On : 18 Jul 2022 18:09
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD071822

Quant Time: Jul 19 02:01:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	136986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	225856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	213973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	80457	49.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.380%		
35) Dibromofluoromethane	7.903	113	77801	48.828	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.660%		
50) Toluene-d8	10.332	98	293521	50.745	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.480%		
62) 4-Bromofluorobenzene	12.620	95	102029	51.303	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	59795	47.730	ug/l	96
3) Chloromethane	2.203	50	105306	51.985	ug/l	99
4) Vinyl Chloride	2.344	62	149798	47.447	ug/l	99
5) Bromomethane	2.762	94	103595	48.543	ug/l	98
6) Chloroethane	2.915	64	101614	47.750	ug/l	100
7) Trichlorofluoromethane	3.262	101	135346	47.940	ug/l	97
8) Diethyl Ether	3.703	74	33941	49.008	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	75694	48.318	ug/l	100
10) Methyl Iodide	4.291	142	68888	44.640	ug/l	94
11) Tert butyl alcohol	5.226	59	20094	223.023	ug/l #	90
12) 1,1-Dichloroethene	4.056	96	67074	48.183	ug/l	92
13) Acrolein	3.920	56	17159	225.984	ug/l	98
14) Allyl chloride	4.703	41	102454	50.423	ug/l #	88
15) Acrylonitrile	5.409	53	72162	255.299	ug/l	99
16) Acetone	4.156	43	65129	242.645	ug/l	100
17) Carbon Disulfide	4.397	76	214809	48.292	ug/l	96
18) Methyl Acetate	4.709	43	33705	53.345	ug/l	92
19) Methyl tert-butyl Ether	5.467	73	171110	51.316	ug/l	93
20) Methylene Chloride	4.956	84	103816	57.661	ug/l	87
21) trans-1,2-Dichloroethene	5.461	96	80060	48.649	ug/l	91
22) Diisopropyl ether	6.356	45	218692	50.576	ug/l #	93
23) Vinyl Acetate	6.297	43	634676	268.908	ug/l #	91
24) 1,1-Dichloroethane	6.256	63	137821	48.256	ug/l	99
25) 2-Butanone	7.208	43	92047	241.611	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	120362	47.457	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	90234	48.704	ug/l	92
28) Bromochloromethane	7.538	49	57959	54.089	ug/l #	78
29) Tetrahydrofuran	7.555	42	61777	267.422	ug/l #	87
30) Chloroform	7.703	83	155016	49.311	ug/l	97
31) Cyclohexane	7.979	56	118226	45.486	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	141456	48.366	ug/l	98
36) 1,1-Dichloropropene	8.108	75	114911	49.991	ug/l	98
37) Ethyl Acetate	7.285	43	43283	52.367	ug/l #	95
38) Carbon Tetrachloride	8.091	117	129953	49.504	ug/l	99
39) Methylcyclohexane	9.350	83	133971	50.000	ug/l	93
40) Benzene	8.344	78	319005	51.009	ug/l	99

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41) Methacrylonitrile	7.508	41	23029	44.836	ug/l #	77
42) 1,2-Dichloroethane	8.414	62	99805	52.144	ug/l	97
43) Isopropyl Acetate	8.444	43	87523	52.988	ug/l #	93
44) Trichloroethene	9.102	130	87480	50.122	ug/l	96
45) 1,2-Dichloropropane	9.379	63	76565	50.651	ug/l	98
46) Dibromomethane	9.461	93	47986	52.335	ug/l	98
47) Bromodichloromethane	9.649	83	119725	50.432	ug/l	97
48) Methyl methacrylate	9.450	41	42024	51.892	ug/l #	81
49) 1,4-Dioxane	9.455	88	10566	1101.349	ug/l	87
51) 4-Methyl-2-Pentanone	10.220	43	224959	272.426	ug/l	95
52) Toluene	10.397	92	214390	50.936	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	112789	53.817	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	126579	52.197	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	58619	50.260	ug/l	95
56) Ethyl methacrylate	10.649	69	74255	54.993	ug/l	90
57) 1,3-Dichloropropane	10.938	76	103293	52.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	195763	271.134	ug/l	92
59) 2-Hexanone	10.973	43	152835	270.868	ug/l	95
60) Dibromochloromethane	11.132	129	83759	53.013	ug/l	98
61) 1,2-Dibromoethane	11.232	107	62915	53.316	ug/l	99
64) Tetrachloroethene	10.867	164	70322	49.277	ug/l	98
65) Chlorobenzene	11.661	112	226416	51.377	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	86687	51.760	ug/l	100
67) Ethyl Benzene	11.732	91	417130	51.266	ug/l	98
68) m/p-Xylenes	11.843	106	334091	105.049	ug/l	97
69) o-Xylene	12.167	106	151920	51.022	ug/l	96
70) Styrene	12.185	104	267758	52.600	ug/l	98
71) Bromoform	12.349	173	47791	52.736	ug/l #	99
73) Isopropylbenzene	12.467	105	409213	49.829	ug/l	99
74) N-amyl acetate	12.279	43	86305	53.278	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	72009	50.730	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	50040m	43.012	ug/l	
77) Bromobenzene	12.749	156	91239	49.990	ug/l	91
78) n-propylbenzene	12.808	91	502702	50.177	ug/l	98
79) 2-Chlorotoluene	12.896	91	281836	50.147	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	350732	50.665	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	21894	50.782	ug/l	95
82) 4-Chlorotoluene	12.990	91	295078	49.648	ug/l	98
83) tert-Butylbenzene	13.208	119	292637	49.442	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	348456	50.536	ug/l	100
85) sec-Butylbenzene	13.385	105	452567	50.707	ug/l	99
86) p-Isopropyltoluene	13.502	119	384930	51.220	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	192092	50.260	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	188652	49.935	ug/l	99
89) n-Butylbenzene	13.826	91	360347	50.502	ug/l	99
90) Hexachloroethane	14.090	117	73273	49.341	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	164143	49.708	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12289	51.557	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	98981	49.099	ug/l	100
94) Hexachlorobutadiene	15.249	225	51509	48.213	ug/l	98
95) Naphthalene	15.379	128	190262	52.507	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	87131	50.836	ug/l	99

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

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