

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081822\
 Data File : VD074145.D
 Acq On : 18 Aug 2022 22:33
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD081822

Quant Time: Aug 22 18:40:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 18:40:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/23/2022
 Supervised By : Mahesh Dadoda 08/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	193251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	334069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	303792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	142656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	68775	47.564	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.120%		
35) Dibromofluoromethane	7.903	113	80823	49.300	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.600%		
50) Toluene-d8	10.326	98	219027	47.612	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.220%		
62) 4-Bromofluorobenzene	12.620	95	114278	45.716	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	95162	49.554	ug/l	97
3) Chloromethane	2.203	50	78150	44.939	ug/l	97
4) Vinyl Chloride	2.344	62	77118	47.072	ug/l	95
5) Bromomethane	2.768	94	47928	49.036	ug/l	94
6) Chloroethane	2.915	64	48370	48.573	ug/l	99
7) Trichlorofluoromethane	3.268	101	178378	47.673	ug/l	98
8) Diethyl Ether	3.709	74	53569	51.303	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.085	101	105992	48.082	ug/l	98
10) Methyl Iodide	4.291	142	125861	49.914	ug/l	99
11) Tert butyl alcohol	5.220	59	33494	234.940	ug/l	99
12) 1,1-Dichloroethene	4.062	96	102651	49.414	ug/l	94
13) Acrolein	3.915	56	45804	258.774	ug/l	95
14) Allyl chloride	4.703	41	175622	51.376	ug/l	93
15) Acrylonitrile	5.420	53	122549	243.001	ug/l	98
16) Acetone	4.156	43	91337	240.150	ug/l #	88
17) Carbon Disulfide	4.403	76	337423	48.360	ug/l	100
18) Methyl Acetate	4.715	43	62156	47.778	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	251819	52.324	ug/l	96
20) Methylene Chloride	4.962	84	149071	52.035	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	122207	50.759	ug/l	91
22) Diisopropyl ether	6.362	45	358079	52.775	ug/l	91
23) Vinyl Acetate	6.297	43	977223	256.043	ug/l	96
24) 1,1-Dichloroethane	6.256	63	214756	50.000	ug/l	99
25) 2-Butanone	7.203	43	154412	227.292	ug/l	93
26) 2,2-Dichloropropane	7.203	77	171497	46.525	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	132763	51.451	ug/l	94
28) Bromochloromethane	7.538	49	61314	49.313	ug/l	87
29) Tetrahydrofuran	7.556	42	99708	242.001	ug/l	93
30) Chloroform	7.703	83	222909	50.309	ug/l	97
31) Cyclohexane	7.979	56	193109	47.185	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	196580	49.863	ug/l	95
36) 1,1-Dichloropropene	8.108	75	170172	49.765	ug/l	98
37) Ethyl Acetate	7.291	43	75205	49.077	ug/l	96
38) Carbon Tetrachloride	8.085	117	166131	49.127	ug/l	98
39) Methylcyclohexane	9.344	83	196673	49.344	ug/l	98
40) Benzene	8.344	78	477931	50.615	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	38076	41.138	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	140695	50.100	ug/l	98
43) Isopropyl Acetate	8.444	43	141188	49.752	ug/l	96
44) Trichloroethene	9.103	130	127543	50.017	ug/l	99
45) 1,2-Dichloropropane	9.379	63	120089	50.198	ug/l	97
46) Dibromomethane	9.467	93	66671	49.981	ug/l	99
47) Bromodichloromethane	9.655	83	170211	50.470	ug/l	96
48) Methyl methacrylate	9.444	41	68635	49.076	ug/l	93
49) 1,4-Dioxane	9.455	88	14066	983.690	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	365295	250.118	ug/l	97
52) Toluene	10.391	92	301901	51.807	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	156771	51.159	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	188983	51.669	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	85902	48.912	ug/l	99
56) Ethyl methacrylate	10.650	69	112817	52.539	ug/l	89
57) 1,3-Dichloropropane	10.932	76	152993	49.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	152426	242.171	ug/l	97
59) 2-Hexanone	10.973	43	246510	253.061	ug/l	98
60) Dibromochloromethane	11.132	129	108880	49.231	ug/l	99
61) 1,2-Dibromoethane	11.232	107	85148	49.900	ug/l	98
64) Tetrachloroethene	10.867	164	101614	49.277	ug/l	98
65) Chlorobenzene	11.661	112	315192	51.006	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	117606	52.615	ug/l	97
67) Ethyl Benzene	11.732	91	567084	51.964	ug/l	100
68) m/p-Xylenes	11.844	106	443579	105.750	ug/l	100
69) o-Xylene	12.167	106	206486	52.667	ug/l	96
70) Styrene	12.179	104	355847	53.133	ug/l	99
71) Bromoform	12.344	173	60711	50.794	ug/l #	100
73) Isopropylbenzene	12.467	105	542148	52.182	ug/l	99
74) N-amyl acetate	12.273	43	130288	49.962	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	96741	48.638	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	64575m	43.711	ug/l	
77) Bromobenzene	12.744	156	121131	50.852	ug/l	95
78) n-propylbenzene	12.802	91	665811	51.692	ug/l	98
79) 2-Chlorotoluene	12.891	91	384896	52.067	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	460107	52.968	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	27953	49.512	ug/l	93
82) 4-Chlorotoluene	12.991	91	400416	51.468	ug/l	100
83) tert-Butylbenzene	13.208	119	389456	53.020	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	452748	52.911	ug/l	99
85) sec-Butylbenzene	13.385	105	584348	52.332	ug/l	99
86) p-Isopropyltoluene	13.496	119	481650	51.956	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	241512	50.798	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	235249	49.553	ug/l	99
89) n-Butylbenzene	13.826	91	459356	50.810	ug/l	99
90) Hexachloroethane	14.091	117	92550	51.080	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	208832	49.698	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	16179	47.398	ug/l	97
93) 1,2,4-Trichlorobenzene	15.138	180	126469	51.480	ug/l	99
94) Hexachlorobutadiene	15.243	225	64892	49.800	ug/l	99
95) Naphthalene	15.379	128	250276	50.299	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	109519	50.550	ug/l	98

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

