

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081822\
 Data File : VD074141.D
 Acq On : 18 Aug 2022 20:37
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 21:47:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 18 21:46:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	196993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	331900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	305578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	141404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	70298	39.707	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.420%		
35) Dibromofluoromethane	7.908	113	80641	39.216	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.440%		
50) Toluene-d8	10.326	98	217960	34.920	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	69.840%		
62) 4-Bromofluorobenzene	12.614	95	114154	44.044	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	97037	49.513	ug/l	99
3) Chloromethane	2.209	50	78328	36.271	ug/l	97
4) Vinyl Chloride	2.344	62	81349	29.703	ug/l	96
5) Bromomethane	2.762	94	47167	21.852	ug/l	94
6) Chloroethane	2.915	64	48094	21.226	ug/l	100
7) Trichlorofluoromethane	3.262	101	178406	42.997	ug/l	97
8) Diethyl Ether	3.703	74	50391	55.292	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	107646	47.850	ug/l	99
10) Methyl Iodide	4.291	142	134643	64.793	ug/l	98
11) Tert butyl alcohol	5.226	59	33886	258.134	ug/l #	90
12) 1,1-Dichloroethene	4.062	96	101178	53.811	ug/l	92
13) Acrolein	3.920	56	44033	358.740	ug/l	99
14) Allyl chloride	4.703	41	170257	68.212	ug/l	93
15) Acrylonitrile	5.409	53	122856	331.822	ug/l	99
16) Acetone	4.156	43	92328	239.394	ug/l	95
17) Carbon Disulfide	4.403	76	341333	68.310	ug/l	98
18) Methyl Acetate	4.715	43	60157	59.577	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	244629	59.305	ug/l	95
20) Methylene Chloride	4.950	84	143984	47.526	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	120948	58.549	ug/l	90
22) Diisopropyl ether	6.361	45	349959	65.867	ug/l	93
23) Vinyl Acetate	6.303	43	952350	348.884	ug/l	96
24) 1,1-Dichloroethane	6.261	63	209528	58.468	ug/l	98
25) 2-Butanone	7.208	43	163022	308.001	ug/l	99
26) 2,2-Dichloropropane	7.203	77	175088	49.135	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	132964	55.437	ug/l	92
28) Bromochloromethane	7.538	49	62735	48.595	ug/l	85
29) Tetrahydrofuran	7.556	42	104065	348.026	ug/l	95
30) Chloroform	7.703	83	217269	52.904	ug/l	99
31) Cyclohexane	7.979	56	194316	62.770	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	197730	51.839	ug/l	95
36) 1,1-Dichloropropene	8.103	75	168507	56.091	ug/l	98
37) Ethyl Acetate	7.285	43	71954	59.864	ug/l #	93
38) Carbon Tetrachloride	8.085	117	170819	50.873	ug/l	99
39) Methylcyclohexane	9.350	83	202982	60.784	ug/l	96
40) Benzene	8.344	78	473265	55.734	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	39827	64.357	ug/l	90
42) 1,2-Dichloroethane	8.414	62	136838	53.962	ug/l	98
43) Isopropyl Acetate	8.444	43	140151	63.056	ug/l	96
44) Trichloroethene	9.103	130	125916	51.580	ug/l	99
45) 1,2-Dichloropropane	9.379	63	117414	56.950	ug/l	99
46) Dibromomethane	9.461	93	66600	52.235	ug/l	99
47) Bromodichloromethane	9.650	83	165160	50.456	ug/l	96
48) Methyl methacrylate	9.450	41	69473	67.414	ug/l	92
49) 1,4-Dioxane	9.455	88	15179	1197.263	ug/l	97
51) 4-Methyl-2-Pentanone	10.214	43	373313	327.402	ug/l	96
52) Toluene	10.391	92	298914	54.601	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	161218	57.349	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	185392	56.359	ug/l #	90
55) 1,1,2-Trichloroethane	10.791	97	87192	51.621	ug/l	95
56) Ethyl methacrylate	10.650	69	110729	62.655	ug/l	90
57) 1,3-Dichloropropane	10.932	76	155098	56.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	146278	228.377	ug/l	96
59) 2-Hexanone	10.973	43	251983	327.144	ug/l	97
60) Dibromochloromethane	11.126	129	109615	48.521	ug/l	100
61) 1,2-Dibromoethane	11.232	107	85063	51.804	ug/l	98
64) Tetrachloroethene	10.867	164	102134	52.238	ug/l	90
65) Chlorobenzene	11.655	112	309495	51.060	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.726	131	115070	48.592	ug/l	99
67) Ethyl Benzene	11.732	91	567601	54.391	ug/l	99
68) m/p-Xylenes	11.844	106	440360	105.685	ug/l	100
69) o-Xylene	12.167	106	204958	54.133	ug/l	95
70) Styrene	12.179	104	352319	53.311	ug/l	98
71) Bromoform	12.344	173	59154	48.428	ug/l #	94
73) Isopropylbenzene	12.467	105	541021	57.319	ug/l	100
74) N-amyl acetate	12.273	43	132881	69.757	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	98228	56.621	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	77973m	57.615	ug/l	
77) Bromobenzene	12.743	156	117465	52.105	ug/l	97
78) n-propylbenzene	12.808	91	668788	57.007	ug/l	98
79) 2-Chlorotoluene	12.891	91	376232	56.346	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	453941	56.472	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.508	75	27724	56.164	ug/l	91
82) 4-Chlorotoluene	12.991	91	390559	55.365	ug/l	99
83) tert-Butylbenzene	13.208	119	382870	55.455	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	441207	54.799	ug/l	98
85) sec-Butylbenzene	13.385	105	577541	54.451	ug/l	100
86) p-Isopropyltoluene	13.496	119	477231	54.131	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	236142	49.627	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	236466	49.943	ug/l	99
89) n-Butylbenzene	13.826	91	462527	54.429	ug/l	99
90) Hexachloroethane	14.091	117	89043	48.500	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	202877	48.004	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	15832	53.319	ug/l	88
93) 1,2,4-Trichlorobenzene	15.137	180	123803	46.638	ug/l	99
94) Hexachlorobutadiene	15.243	225	64959	41.684	ug/l	99
95) Naphthalene	15.373	128	257782	56.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	109378	46.504	ug/l	100

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

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