

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076802.D
 Acq On : 26 Jul 2023 13:29
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 27 04:21:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	213629	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	376566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	342775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	170408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103865	48.813	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.620%		
35) Dibromofluoromethane	7.805	113	125266	52.936	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.880%		
50) Toluene-d8	10.269	98	412974	48.784	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.560%		
62) 4-Bromofluorobenzene	12.575	95	142542	52.050	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	79161	47.386	ug/l	98
3) Chloromethane	2.146	50	121657	42.216	ug/l	97
4) Vinyl Chloride	2.275	62	173216	45.091	ug/l	95
5) Bromomethane	2.681	94	140459	44.440	ug/l	99
6) Chloroethane	2.828	64	130525	45.003	ug/l	97
7) Trichlorofluoromethane	3.170	101	170830	49.977	ug/l	97
8) Diethyl Ether	3.593	74	57620	48.961	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	114302	50.871	ug/l	99
10) Methyl Iodide	4.158	142	135087	53.335	ug/l	92
11) Tert butyl alcohol	5.058	59	42101	265.153	ug/l	99
12) 1,1-Dichloroethene	3.934	96	100330	47.528	ug/l	89
13) Acrolein	3.793	56	26968	249.235	ug/l	98
14) Allyl chloride	4.552	41	131693	47.489	ug/l	91
15) Acrylonitrile	5.246	53	144477	249.953	ug/l	99
16) Acetone	4.017	43	132585	260.908	ug/l	# 86
17) Carbon Disulfide	4.269	76	222227	45.072	ug/l	99
18) Methyl Acetate	4.558	43	100193	52.478	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	288352	50.937	ug/l	98
20) Methylene Chloride	4.799	84	163963	55.272	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	121904	49.680	ug/l	96
22) Diisopropyl ether	6.216	45	326693	49.750	ug/l	97
23) Vinyl Acetate	6.152	43	793298	244.159	ug/l	93
24) 1,1-Dichloroethane	6.111	63	222094	50.162	ug/l	96
25) 2-Butanone	7.081	43	182703	268.639	ug/l	95
26) 2,2-Dichloropropane	7.075	77	201576	52.816	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	158239	52.311	ug/l	98
28) Bromochloromethane	7.422	49	45400	41.015	ug/l	85
29) Tetrahydrofuran	7.446	42	100106	249.125	ug/l	95
30) Chloroform	7.599	83	253430	52.261	ug/l	95
31) Cyclohexane	7.875	56	138934	44.367	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	208346	53.251	ug/l	97
36) 1,1-Dichloropropene	8.010	75	156126	50.490	ug/l	98
37) Ethyl Acetate	7.169	43	76768	55.514	ug/l	95
38) Carbon Tetrachloride	7.987	117	161784	54.641	ug/l	96
39) Methylcyclohexane	9.275	83	176395	49.404	ug/l	99
40) Benzene	8.252	78	499672	51.214	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	41389	49.012	ug/l	96
42) 1,2-Dichloroethane	8.322	62	136686	53.918	ug/l	96
43) Isopropyl Acetate	8.358	43	139864	51.825	ug/l	95
44) Trichloroethene	9.028	130	140703	52.922	ug/l	94
45) 1,2-Dichloropropane	9.305	63	134373	53.354	ug/l	100
46) Dibromomethane	9.393	93	77322	52.450	ug/l	95
47) Bromodichloromethane	9.581	83	196840	53.208	ug/l	98
48) Methyl methacrylate	9.381	41	60843	49.534	ug/l #	86
49) 1,4-Dioxane	9.387	88	19846	1050.741	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	381059	265.191	ug/l	94
52) Toluene	10.334	92	331998	51.810	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	181960	52.991	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	212117	52.415	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	116855	54.283	ug/l	93
56) Ethyl methacrylate	10.599	69	129943	52.298	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	183382	52.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	204071	212.186	ug/l	99
59) 2-Hexanone	10.922	43	276864	270.031	ug/l	94
60) Dibromochloromethane	11.075	129	137728	55.073	ug/l	95
61) 1,2-Dibromoethane	11.181	107	105046	52.633	ug/l	99
64) Tetrachloroethene	10.810	164	112597	57.607	ug/l	93
65) Chlorobenzene	11.610	112	373438	54.169	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	143592	55.945	ug/l	97
67) Ethyl Benzene	11.681	91	646049	53.361	ug/l	95
68) m/p-Xylenes	11.793	106	502154	107.994	ug/l	92
69) o-Xylene	12.122	106	240169	53.413	ug/l	91
70) Styrene	12.134	104	426764	54.217	ug/l	97
71) Bromoform	12.298	173	82941	59.003	ug/l #	97
73) Isopropylbenzene	12.422	105	634367	51.310	ug/l	96
74) N-amyl acetate	12.234	43	131643	50.542	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	137730	51.885	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	71512m	44.128	ug/l	
77) Bromobenzene	12.704	156	152006	53.265	ug/l	90
78) n-propylbenzene	12.763	91	777119	51.848	ug/l	96
79) 2-Chlorotoluene	12.851	91	430969	52.440	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	519240	51.940	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	41507	54.511	ug/l	96
82) 4-Chlorotoluene	12.945	91	444194	51.738	ug/l	95
83) tert-Butylbenzene	13.169	119	463436	52.650	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	523953	51.288	ug/l	97
85) sec-Butylbenzene	13.345	105	698304	51.925	ug/l	96
86) p-Isopropyltoluene	13.463	119	579748	52.199	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	309711	52.764	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	307253	53.427	ug/l	98
89) n-Butylbenzene	13.787	91	549054	50.519	ug/l	99
90) Hexachloroethane	14.051	117	113769	55.407	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	273130	52.807	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	18951	50.070	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	169757	53.760	ug/l	98
94) Hexachlorobutadiene	15.204	225	80373	52.924	ug/l	99
95) Naphthalene	15.334	128	363983	53.237	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	152892	53.956	ug/l	98

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

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