

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014962.D
 Acq On : 03 Aug 2023 20:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 04 04:34:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	272453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	460698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	421215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	216599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	165987	53.463	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.920%			
35) Dibromofluoromethane	7.722	113	154416	52.653	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.300%			
50) Toluene-d8	10.179	98	523090	48.380	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.760%			
62) 4-Bromofluorobenzene	12.477	95	203731	49.141	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	87506	39.422	ug/l	99
3) Chloromethane	2.113	50	123978	49.687	ug/l	100
4) Vinyl Chloride	2.247	62	149342	53.554	ug/l	96
5) Bromomethane	2.637	94	122400	66.418	ug/l	96
6) Chloroethane	2.784	64	107886	61.936	ug/l	97
7) Trichlorofluoromethane	3.119	101	242036	51.679	ug/l	97
8) Diethyl Ether	3.527	74	95360	54.723	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	146451	51.017	ug/l	95
10) Methyl Iodide	4.088	142	151975	49.943	ug/l	97
11) Tert butyl alcohol	4.960	59	159939	249.536	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	130057	48.475	ug/l	94
13) Acrolein	3.729	56	49294	151.906	ug/l	100
14) Allyl chloride	4.478	41	217415	45.639	ug/l	97
15) Acrylonitrile	5.161	53	299272	311.442	ug/l	99
16) Acetone	3.948	43	261787	266.086	ug/l	92
17) Carbon Disulfide	4.192	76	296456	38.595	ug/l	99
18) Methyl Acetate	4.478	43	243790	64.571	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	502169	57.619	ug/l	97
20) Methylene Chloride	4.716	84	211739	67.748	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	150672	49.486	ug/l	91
22) Diisopropyl ether	6.124	45	504958	52.137	ug/l	89
23) Vinyl Acetate	6.057	43	1530713	264.104	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	289821	52.298	ug/l	98
25) 2-Butanone	6.984	43	418933	291.056	ug/l	94
26) 2,2-Dichloropropane	6.978	77	242169	45.852	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	192199	54.231	ug/l	92
28) Bromochloromethane	7.332	49	134329	56.282	ug/l	90
29) Tetrahydrofuran	7.350	42	267525	301.848	ug/l	90
30) Chloroform	7.508	83	317113	55.492	ug/l	97
31) Cyclohexane	7.789	56	210532	40.850	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	269295	52.359	ug/l	99
36) 1,1-Dichloropropene	7.917	75	208738	47.595	ug/l	98
37) Ethyl Acetate	7.076	43	171827	56.904	ug/l #	94
38) Carbon Tetrachloride	7.899	117	238928	51.536	ug/l	98
39) Methylcyclohexane	9.185	83	251914	44.089	ug/l	92
40) Benzene	8.161	78	636187	51.004	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	102521m	66.009	ug/l	
42) 1,2-Dichloroethane	8.240	62	219037	55.453	ug/l	95
43) Isopropyl Acetate	8.277	43	319612	55.565	ug/l	96
44) Trichloroethene	8.941	130	180526	51.728	ug/l	97
45) 1,2-Dichloropropane	9.215	63	168552	51.750	ug/l	97
46) Dibromomethane	9.307	93	111760	56.562	ug/l	95
47) Bromodichloromethane	9.496	83	251690	54.046	ug/l	98
48) Methyl methacrylate	9.295	41	141683	54.741	ug/l	93
49) 1,4-Dioxane	9.301	88	41257	1280.527	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	911216	301.720	ug/l	92
52) Toluene	10.246	92	406545	50.935	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	270787	53.158	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	279845	50.518	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	162840	59.164	ug/l	96
56) Ethyl methacrylate	10.508	69	240808	57.303	ug/l	89
57) 1,3-Dichloropropane	10.788	76	269490	56.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	495286	252.945	ug/l	92
59) 2-Hexanone	10.831	43	675344	306.640	ug/l	91
60) Dibromochloromethane	10.983	129	195595	57.961	ug/l	99
61) 1,2-Dibromoethane	11.087	107	156872	57.133	ug/l	99
64) Tetrachloroethene	10.721	164	187626	55.385	ug/l	98
65) Chlorobenzene	11.514	112	465218	51.829	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	186082	54.983	ug/l	99
67) Ethyl Benzene	11.593	91	811482	50.072	ug/l	99
68) m/p-Xylenes	11.703	106	616382	99.636	ug/l	97
69) o-Xylene	12.026	106	309153	51.307	ug/l	98
70) Styrene	12.044	104	527368	51.929	ug/l	98
71) Bromoform	12.209	173	130960	57.088	ug/l #	99
73) Isopropylbenzene	12.331	105	811697	47.860	ug/l	100
74) N-amyl acetate	12.142	43	282126	49.669	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	205900	53.237	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	155911m	56.994	ug/l	
77) Bromobenzene	12.605	156	196268	50.697	ug/l	97
78) n-propylbenzene	12.672	91	961224	47.034	ug/l	99
79) 2-Chlorotoluene	12.757	91	555294	47.174	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	671089	47.380	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	66540	47.095	ug/l	95
82) 4-Chlorotoluene	12.855	91	568314	46.878	ug/l	99
83) tert-Butylbenzene	13.074	119	603452	48.029	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	674589	48.531	ug/l	99
85) sec-Butylbenzene	13.251	105	881136	47.807	ug/l	100
86) p-Isopropyltoluene	13.367	119	735097	48.849	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	385548	51.170	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	386345	51.169	ug/l	99
89) n-Butylbenzene	13.696	91	686513	46.891	ug/l	97
90) Hexachloroethane	13.958	117	144973	46.903	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	357904	51.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	39607	53.549	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	224840	51.309	ug/l	99
94) Hexachlorobutadiene	15.111	225	118022	49.010	ug/l	98
95) Naphthalene	15.233	128	567700	55.606	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	203966	52.372	ug/l	99

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

