

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013201.D
 Acq On : 05 Apr 2023 10:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 06 01:25:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

04/06/2023

Supervised By :Mahesh

Dadoda

04/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	167913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89423	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.136	65	67852	48.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.860%
35) Dibromofluoromethane	7.716	113	59911	49.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.179	98	224992	49.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.477	95	78028	52.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	57280	45.284	ug/l	97
3) Chloromethane	2.113	50	54433	41.266	ug/l	99
4) Vinyl Chloride	2.247	62	64048	48.429	ug/l	100
5) Bromomethane	2.650	94	42959	46.027	ug/l	93
6) Chloroethane	2.790	64	40043	48.335	ug/l	98
7) Trichlorofluoromethane	3.125	101	110885	47.109	ug/l	96
8) Diethyl Ether	3.528	74	40353	54.595	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	64119	49.410	ug/l	93
10) Methyl Iodide	4.088	142	90298	53.436	ug/l	97
11) Tert butyl alcohol	4.948	59	32479	259.870	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	62407	49.748	ug/l	95
13) Acrolein	3.729	56	44685	254.773	ug/l	99
14) Allyl chloride	4.479	41	94697	44.304	ug/l	90
15) Acrylonitrile	5.149	53	87287	237.656	ug/l	99
16) Acetone	3.942	43	119581	282.010	ug/l	97
17) Carbon Disulfide	4.192	76	183920	44.025	ug/l	99
18) Methyl Acetate	4.473	43	64491	48.269	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	168337	52.956	ug/l	96
20) Methylene Chloride	4.710	84	69711	47.338	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	65725	46.501	ug/l	95
22) Diisopropyl ether	6.119	45	177571	42.522	ug/l #	95
23) Vinyl Acetate	6.051	43	544403	229.248	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	106981	43.256	ug/l	100
25) 2-Butanone	6.984	43	128724	242.780	ug/l	94
26) 2,2-Dichloropropane	6.972	77	108831	48.923	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	73426	48.220	ug/l	95
28) Bromochloromethane	7.332	49	42654	40.192	ug/l #	74
29) Tetrahydrofuran	7.344	42	73938	235.572	ug/l	89
30) Chloroform	7.509	83	125275	48.914	ug/l	99
31) Cyclohexane	7.783	56	92446	40.836	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	115072	50.817	ug/l	99
36) 1,1-Dichloropropene	7.917	75	89819	49.568	ug/l	97
37) Ethyl Acetate	7.070	43	49031	47.633	ug/l	98
38) Carbon Tetrachloride	7.899	117	110277	55.157	ug/l	99
39) Methylcyclohexane	9.179	83	116223	54.672	ug/l	99
40) Benzene	8.155	78	255691	48.855	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	25121m	55.011	ug/l	
42) 1,2-Dichloroethane	8.234	62	86670	54.051	ug/l	100
43) Isopropyl Acetate	8.271	43	92599	50.257	ug/l	95
44) Trichloroethene	8.935	130	74654	51.816	ug/l	98
45) 1,2-Dichloropropane	9.216	63	70977	54.158	ug/l	99
46) Dibromomethane	9.301	93	40269	53.488	ug/l	99
47) Bromodichloromethane	9.496	83	100448	55.296	ug/l	99
48) Methyl methacrylate	9.289	41	54879	63.954	ug/l	97
49) 1,4-Dioxane	9.295	88	10414	1162.754	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	253849	255.283	ug/l	97
52) Toluene	10.240	92	166979	51.434	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	98842	53.234	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	105243	49.630	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	54840	52.697	ug/l	93
56) Ethyl methacrylate	10.508	69	73512	56.184	ug/l	95
57) 1,3-Dichloropropane	10.788	76	89191	50.769	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	174508	285.238	ug/l	99
59) 2-Hexanone	10.831	43	196156	272.756	ug/l	96
60) Dibromochloromethane	10.984	129	73738	56.415	ug/l	100
61) 1,2-Dibromoethane	11.087	107	53836	53.392	ug/l	100
64) Tetrachloroethene	10.715	164	69618	53.930	ug/l	98
65) Chlorobenzene	11.514	112	184898	51.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	72675	54.382	ug/l	98
67) Ethyl Benzene	11.593	91	322037	52.307	ug/l	98
68) m/p-Xylenes	11.703	106	256874	107.857	ug/l	99
69) o-Xylene	12.026	106	119713	54.192	ug/l	99
70) Styrene	12.044	104	207376	56.118	ug/l	99
71) Bromoform	12.209	173	50586	61.044	ug/l #	97
73) Isopropylbenzene	12.331	105	324247	52.529	ug/l	99
74) N-amyl acetate	12.142	43	84281	49.729	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	63239	48.910	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	49100m	48.877	ug/l	
77) Bromobenzene	12.605	156	82732	53.909	ug/l	88
78) n-propylbenzene	12.672	91	384126	50.612	ug/l	97
79) 2-Chlorotoluene	12.752	91	215136	49.954	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	274653	53.220	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23777	52.785	ug/l	97
82) 4-Chlorotoluene	12.855	91	226475	50.529	ug/l	100
83) tert-Butylbenzene	13.075	119	244429	55.143	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	271065	53.634	ug/l	100
85) sec-Butylbenzene	13.251	105	351122	52.462	ug/l	99
86) p-Isopropyltoluene	13.367	119	301568	54.733	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	159160	52.318	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	160085	52.513	ug/l	99
89) n-Butylbenzene	13.696	91	267969	52.025	ug/l	99
90) Hexachloroethane	13.959	117	57326	49.944	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	146572	53.948	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11640	54.101	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	86837	54.809	ug/l	99
94) Hexachlorobutadiene	15.111	225	55760	57.224	ug/l	99
95) Naphthalene	15.233	128	187378	55.458	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	82570	59.152	ug/l	98

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

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