

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010294.D
 Acq On : 02 Sep 2022 21:55
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 02 22:55:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/06/2022
 Supervised By :Mahesh Dadoda 09/06/2022

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	324702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	526100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	474637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	233512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	172262	51.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.480%	
35) Dibromofluoromethane	7.709	113	165074	47.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.260%	
50) Toluene-d8	10.178	98	639343	54.524	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	12.477	95	229062	48.601	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.899	85	113053	43.615	ug/l	100
3) Chloromethane	2.107	50	176977	50.006	ug/l	96
4) Vinyl Chloride	2.247	62	197164	51.132	ug/l	98
5) Bromomethane	2.643	94	126484	59.527	ug/l	98
6) Chloroethane	2.783	64	124266	52.683	ug/l	99
7) Trichlorofluoromethane	3.119	101	266212	49.253	ug/l	95
8) Diethyl Ether	3.521	74	95151	49.266	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	161162	48.279	ug/l	95
10) Methyl Iodide	4.082	142	205584	51.191	ug/l	90
11) Tert butyl alcohol	4.941	59	86779	217.864	ug/l #	94
12) 1,1-Dichloroethene	3.862	96	157708	48.790	ug/l	86
13) Acrolein	3.722	56	102121	242.187	ug/l	98
14) Allyl chloride	4.472	41	266583	46.858	ug/l #	93
15) Acrylonitrile	5.155	53	242785	241.251	ug/l	98
16) Acetone	3.942	43	181239	217.751	ug/l	93
17) Carbon Disulfide	4.186	76	450845	45.791	ug/l	100
18) Methyl Acetate	4.466	43	125057	48.415	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	461908	48.882	ug/l	97
20) Methylene Chloride	4.710	84	201459	50.157	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	178201	48.650	ug/l	93
22) Diisopropyl ether	6.112	45	578820	50.060	ug/l	93
23) Vinyl Acetate	6.051	43	1801081	248.437	ug/l #	94
24) 1,1-Dichloroethane	6.008	63	327000	49.093	ug/l	99
25) 2-Butanone	6.978	43	313178	229.273	ug/l	91
26) 2,2-Dichloropropane	6.978	77	268219	44.211	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	208794	49.879	ug/l	90
28) Bromochloromethane	7.325	49	118443	50.759	ug/l	90
29) Tetrahydrofuran	7.343	42	210766	240.847	ug/l	91
30) Chloroform	7.502	83	328056	50.013	ug/l	98
31) Cyclohexane	7.782	56	291248	44.843	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	295511	49.443	ug/l	97
36) 1,1-Dichloropropene	7.910	75	250995	48.844	ug/l	98
37) Ethyl Acetate	7.069	43	145877	49.513	ug/l	96
38) Carbon Tetrachloride	7.898	117	263694	49.792	ug/l	98
39) Methylcyclohexane	9.179	83	315703	47.588	ug/l	94
40) Benzene	8.154	78	731641	49.714	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	74058	44.587	ug/l #	41
42) 1,2-Dichloroethane	8.234	62	215836	50.581	ug/l	93
43) Isopropyl Acetate	8.270	43	274694	48.912	ug/l #	93
44) Trichloroethene	8.935	130	202947	50.232	ug/l	99
45) 1,2-Dichloropropane	9.209	63	186676	49.787	ug/l	94
46) Dibromomethane	9.300	93	104184	50.589	ug/l	98
47) Bromodichloromethane	9.496	83	259022	51.144	ug/l	99
48) Methyl methacrylate	9.288	41	126312	48.216	ug/l #	88
49) 1,4-Dioxane	9.294	88	27808	981.328	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	728319	251.364	ug/l	92
52) Toluene	10.239	92	470984	50.028	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	267668	49.001	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	302174	49.059	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	147271	50.376	ug/l	98
56) Ethyl methacrylate	10.508	69	214145	49.581	ug/l	85
57) 1,3-Dichloropropane	10.788	76	256317	50.302	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	265435	228.082	ug/l	96
59) 2-Hexanone	10.831	43	498382	248.050	ug/l	90
60) Dibromochloromethane	10.983	129	181323	51.473	ug/l	100
61) 1,2-Dibromoethane	11.087	107	145076	51.351	ug/l	98
64) Tetrachloroethene	10.721	164	193361	49.954	ug/l	100
65) Chlorobenzene	11.513	112	504562	49.887	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	188218	50.680	ug/l	98
67) Ethyl Benzene	11.593	91	913798	49.338	ug/l	99
68) m/p-Xylenes	11.702	106	708482	100.137	ug/l	95
69) o-Xylene	12.026	106	345256	50.260	ug/l	93
70) Styrene	12.044	104	580108	50.696	ug/l	97
71) Bromoform	12.208	173	116160	50.598	ug/l #	99
73) Isopropylbenzene	12.330	105	904316	48.540	ug/l	100
74) N-amyl acetate	12.141	43	248364	48.322	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	172107	48.069	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	130363m	46.912	ug/l	
77) Bromobenzene	12.605	156	210924	49.768	ug/l	98
78) n-propylbenzene	12.672	91	1089889	48.734	ug/l	99
79) 2-Chlorotoluene	12.751	91	616571	48.779	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	760365	48.713	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	61976	46.525	ug/l	86
82) 4-Chlorotoluene	12.855	91	636458	48.901	ug/l	99
83) tert-Butylbenzene	13.074	119	674021	49.703	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	756532	49.355	ug/l	99
85) sec-Butylbenzene	13.251	105	993517	49.541	ug/l	100
86) p-Isopropyltoluene	13.367	119	820789	49.549	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	414606	50.383	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	413356	50.522	ug/l	99
89) n-Butylbenzene	13.696	91	771387	49.260	ug/l	99
90) Hexachloroethane	13.958	117	158734	49.921	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	372766	50.825	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	29392	46.587	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	229384	50.529	ug/l	99
94) Hexachlorobutadiene	15.110	225	134504	50.551	ug/l	98
95) Naphthalene	15.232	128	477338	50.675	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	198970	51.749	ug/l	99

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

