

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012081.D
 Acq On : 05 Jan 2023 17:37
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 05 23:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

01/06/2023

Supervised By :Mahesh

Dadoda

01/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	170655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	243504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90437	52.601	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.200%			
35) Dibromofluoromethane	7.716	113	79967	51.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.500%			
50) Toluene-d8	10.179	98	301619	47.647	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.300%			
62) 4-Bromofluorobenzene	12.477	95	112089	52.649	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	57660	42.739	ug/l	97
3) Chloromethane	2.113	50	54092	35.614	ug/l	99
4) Vinyl Chloride	2.247	62	64330	38.406	ug/l	95
5) Bromomethane	2.650	94	49949	41.916	ug/l	97
6) Chloroethane	2.790	64	45900	41.924	ug/l	96
7) Trichlorofluoromethane	3.125	101	134082	45.728	ug/l	98
8) Diethyl Ether	3.527	74	47093	52.053	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	71744	44.448	ug/l	96
10) Methyl Iodide	4.088	142	102479	45.888	ug/l	94
11) Tert butyl alcohol	4.942	59	55185	340.366	ug/l	100
12) 1,1-Dichloroethene	3.869	96	70109	43.422	ug/l	97
13) Acrolein	3.729	56	28793	179.150	ug/l	99
14) Allyl chloride	4.478	41	100781	42.386	ug/l	91
15) Acrylonitrile	5.155	53	122753	291.679	ug/l	100
16) Acetone	3.942	43	107334	209.899	ug/l	99
17) Carbon Disulfide	4.192	76	179366	34.826	ug/l	99
18) Methyl Acetate	4.472	43	62620	52.709	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	247169	59.664	ug/l	96
20) Methylene Chloride	4.710	84	93925	47.134	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	81014	44.160	ug/l	95
22) Diisopropyl ether	6.112	45	227473	48.576	ug/l #	92
23) Vinyl Acetate	6.051	43	721434	267.770	ug/l	95
24) 1,1-Dichloroethane	6.015	63	142299	46.748	ug/l	97
25) 2-Butanone	6.984	43	147623	257.760	ug/l	93
26) 2,2-Dichloropropane	6.978	77	142835	47.954	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	98823	49.804	ug/l	96
28) Bromochloromethane	7.326	49	38288	45.837	ug/l	83
29) Tetrahydrofuran	7.344	42	92779	285.925	ug/l	88
30) Chloroform	7.502	83	167934	51.185	ug/l	98
31) Cyclohexane	7.777	56	105717	36.525	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	155492	49.827	ug/l	98
36) 1,1-Dichloropropene	7.917	75	111573	44.582	ug/l	97
37) Ethyl Acetate	7.069	43	65936	58.723	ug/l #	96
38) Carbon Tetrachloride	7.899	117	142440	49.281	ug/l	96
39) Methylcyclohexane	9.179	83	124599	41.376	ug/l	95
40) Benzene	8.155	78	337894	47.178	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	32363m	59.604	ug/l	
42) 1,2-Dichloroethane	8.234	62	116258	56.386	ug/l	98
43) Isopropyl Acetate	8.270	43	119596	58.320	ug/l	97
44) Trichloroethene	8.935	130	98436	48.761	ug/l	97
45) 1,2-Dichloropropane	9.209	63	79696	48.160	ug/l	99
46) Dibromomethane	9.301	93	52434	55.008	ug/l	98
47) Bromodichloromethane	9.496	83	130629	54.018	ug/l	97
48) Methyl methacrylate	9.289	41	54073	56.950	ug/l	93
49) 1,4-Dioxane	9.295	88	15973	1403.526	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	328635	300.544	ug/l	97
52) Toluene	10.240	92	227048	49.757	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	136662	55.927	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	144847	52.736	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	74772	55.278	ug/l	98
56) Ethyl methacrylate	10.508	69	104472	61.002	ug/l	95
57) 1,3-Dichloropropane	10.788	76	126686	56.122	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	196024	296.622	ug/l	92
59) 2-Hexanone	10.831	43	235540	292.800	ug/l	96
60) Dibromochloromethane	10.983	129	100428	58.937	ug/l	100
61) 1,2-Dibromoethane	11.087	107	71777	56.718	ug/l	99
64) Tetrachloroethene	10.715	164	106945	50.176	ug/l	98
65) Chlorobenzene	11.514	112	251845	49.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	100923	53.650	ug/l	97
67) Ethyl Benzene	11.593	91	446526	48.858	ug/l	97
68) m/p-Xylenes	11.697	106	353664	99.503	ug/l	98
69) o-Xylene	12.026	106	170683	51.611	ug/l	98
70) Styrene	12.044	104	295107	53.145	ug/l	99
71) Bromoform	12.203	173	68662	61.598	ug/l #	99
73) Isopropylbenzene	12.325	105	456058	45.942	ug/l	99
74) N-amyl acetate	12.142	43	108172	53.153	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	84052	50.755	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	66617m	40.020	ug/l	
77) Bromobenzene	12.605	156	112701	49.074	ug/l	94
78) n-propylbenzene	12.666	91	531412	44.536	ug/l	98
79) 2-Chlorotoluene	12.751	91	305184	45.501	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	398628	46.903	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	32779	53.927	ug/l	98
82) 4-Chlorotoluene	12.849	91	321457	46.321	ug/l	98
83) tert-Butylbenzene	13.074	119	344942	47.889	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	397332	47.521	ug/l	98
85) sec-Butylbenzene	13.251	105	490337	45.589	ug/l	98
86) p-Isopropyltoluene	13.367	119	431439	47.539	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	224361	48.577	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	220005	47.915	ug/l	99
89) n-Butylbenzene	13.696	91	378633	46.087	ug/l	98
90) Hexachloroethane	13.958	117	79744	46.051	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	204928	50.894	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17290	60.753	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	133020	56.159	ug/l	99
94) Hexachlorobutadiene	15.111	225	75267	49.178	ug/l	100
95) Naphthalene	15.233	128	283656	57.155	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	116493	58.171	ug/l	100

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

