

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122722\
 Data File : VY012019.D
 Acq On : 27 Dec 2022 17:37
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 01/03/2023

Quant Time: Dec 28 00:39:44 2022
 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	205533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	309177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	284148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109506	52.884	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.760%			
35) Dibromofluoromethane	7.716	113	97591	52.431	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.860%			
50) Toluene-d8	10.179	98	384537	50.919	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.840%			
62) 4-Bromofluorobenzene	12.483	95	136490	53.739	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.480%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	87374	53.137	ug/l	99
3) Chloromethane	2.113	50	82582	45.145	ug/l	98
4) Vinyl Chloride	2.253	62	94536	46.862	ug/l	97
5) Bromomethane	2.650	94	67275	46.875	ug/l	98
6) Chloroethane	2.796	64	63440	48.111	ug/l	96
7) Trichlorofluoromethane	3.125	101	186436	52.794	ug/l	99
8) Diethyl Ether	3.527	74	56924	52.242	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	99092	50.973	ug/l	96
10) Methyl Iodide	4.088	142	138703	51.569	ug/l	97
11) Tert butyl alcohol	4.948	59	47342	230.540	ug/l	97
12) 1,1-Dichloroethene	3.875	96	97712	50.249	ug/l	98
13) Acrolein	3.729	56	46285	239.116	ug/l	100
14) Allyl chloride	4.478	41	136939	47.820	ug/l	93
15) Acrylonitrile	5.161	53	139970	276.150	ug/l	100
16) Acetone	3.948	43	181562	292.833	ug/l	98
17) Carbon Disulfide	4.198	76	266043	42.890	ug/l	99
18) Methyl Acetate	4.478	43	72466	50.646	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	283200	56.760	ug/l	96
20) Methylene Chloride	4.716	84	125048	52.825	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	108402	49.061	ug/l	94
22) Diisopropyl ether	6.118	45	286814	50.854	ug/l #	96
23) Vinyl Acetate	6.057	43	874199	269.410	ug/l	95
24) 1,1-Dichloroethane	6.015	63	183233	49.981	ug/l	98
25) 2-Butanone	6.984	43	198211	287.360	ug/l	95
26) 2,2-Dichloropropane	6.978	77	183158	51.057	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	123330	51.608	ug/l	95
28) Bromochloromethane	7.332	49	45953	45.678	ug/l	89
29) Tetrahydrofuran	7.344	42	104916	268.461	ug/l	91
30) Chloroform	7.502	83	204425	51.734	ug/l	97
31) Cyclohexane	7.789	56	157721	45.245	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	196077	52.170	ug/l	98
36) 1,1-Dichloropropene	7.917	75	149307	50.009	ug/l	99
37) Ethyl Acetate	7.069	43	71469	53.354	ug/l	97
38) Carbon Tetrachloride	7.899	117	184408	53.480	ug/l	98
39) Methylcyclohexane	9.185	83	181349	50.479	ug/l	96
40) Benzene	8.161	78	430597	50.396	ug/l	99

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41) Methacrylonitrile	7.319	41	39426m	60.867	ug/l	
42) 1,2-Dichloroethane	8.234	62	133733	54.370	ug/l	99
43) Isopropyl Acetate	8.270	43	134900	55.142	ug/l	96
44) Trichloroethene	8.935	130	124846	51.840	ug/l	98
45) 1,2-Dichloropropane	9.215	63	98432	49.860	ug/l	99
46) Dibromomethane	9.307	93	61034	53.673	ug/l	98
47) Bromodichloromethane	9.496	83	155511	53.905	ug/l	97
48) Methyl methacrylate	9.289	41	64000	56.501	ug/l	97
49) 1,4-Dioxane	9.295	88	17188	1265.980	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	366617	281.044	ug/l	98
52) Toluene	10.246	92	282718	51.935	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	161060	55.250	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	174520	53.261	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	87542	54.250	ug/l	99
56) Ethyl methacrylate	10.508	69	119205	58.345	ug/l	97
57) 1,3-Dichloropropane	10.788	76	146552	54.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	207730	263.488	ug/l	94
59) 2-Hexanone	10.831	43	292729	305.028	ug/l	98
60) Dibromochloromethane	10.983	129	114713	56.430	ug/l	99
61) 1,2-Dibromoethane	11.087	107	83727	55.458	ug/l	100
64) Tetrachloroethene	10.721	164	131411	52.836	ug/l	96
65) Chlorobenzene	11.514	112	305708	51.816	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	118209	53.850	ug/l	98
67) Ethyl Benzene	11.593	91	560245	52.533	ug/l	100
68) m/p-Xylenes	11.703	106	436008	105.124	ug/l	100
69) o-Xylene	12.026	106	207344	53.729	ug/l	100
70) Styrene	12.044	104	353095	54.493	ug/l	98
71) Bromoform	12.209	173	74147	57.004	ug/l #	99
73) Isopropylbenzene	12.331	105	569571	51.983	ug/l	100
74) N-amyl acetate	12.142	43	122802	54.668	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	94967	51.954	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	74639m	40.623	ug/l	
77) Bromobenzene	12.605	156	131862	52.019	ug/l	97
78) n-propylbenzene	12.672	91	670876	50.938	ug/l	99
79) 2-Chlorotoluene	12.757	91	377598	51.004	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	487939	52.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	35645	53.128	ug/l	98
82) 4-Chlorotoluene	12.855	91	396629	51.779	ug/l	99
83) tert-Butylbenzene	13.075	119	423518	53.270	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	479498	51.956	ug/l	99
85) sec-Butylbenzene	13.251	105	616170	51.902	ug/l	98
86) p-Isopropyltoluene	13.367	119	531284	53.037	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	261967	51.387	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	261990	51.695	ug/l	99
89) n-Butylbenzene	13.696	91	473259	52.188	ug/l	99
90) Hexachloroethane	13.958	117	97920	51.231	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	237852	53.517	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18049	57.457	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	155052	59.306	ug/l	99
94) Hexachlorobutadiene	15.111	225	94732	56.076	ug/l	98
95) Naphthalene	15.233	128	307845	56.243	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	136621	61.808	ug/l	98

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

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