

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019298.D
 Acq On : 27 Aug 2024 20:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/28/2024
 Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 28 01:51:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	108968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	175942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	156253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	78503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	52713	48.258	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	96.520%	
35) Dibromofluoromethane	7.622	113	55349	48.112	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	96.220%	
50) Toluene-d8	10.103	98	197005	47.586	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	95.180%	
62) 4-Bromofluorobenzene	12.408	95	69255	49.072	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	98.140%	
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.861	85	38846	48.589	ug/l	100
3) Chloromethane	2.062	50	76017	52.751	ug/l	100
4) Vinyl Chloride	2.196	62	86223	48.440	ug/l	100
5) Bromomethane	2.586	94	61277	57.237	ug/l	96
6) Chloroethane	2.726	64	56984	50.400	ug/l	96
7) Trichlorofluoromethane	3.043	101	131353	48.809	ug/l	100
8) Diethyl Ether	3.446	74	29512	50.806	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.799	101	56591	47.301	ug/l	96
10) Methyl Iodide	3.995	142	62136	52.986	ug/l	94
11) Tert butyl alcohol	4.836	59	25327	276.501	ug/l #	81
12) 1,1-Dichloroethene	3.775	96	52819	48.593	ug/l	88
13) Acrolein	3.635	56	13905	162.607	ug/l	100
14) Allyl chloride	4.366	41	80499	55.703	ug/l	90
15) Acrylonitrile	5.043	53	67246	282.925	ug/l	96
16) Acetone	3.854	43	56181	277.336	ug/l #	83
17) Carbon Disulfide	4.092	76	150583	49.117	ug/l	100
18) Methyl Acetate	4.366	43	35107	56.468	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	147189	55.854	ug/l	98
20) Methylene Chloride	4.598	84	66161	53.255	ug/l	90
21) trans-1,2-Dichloroethene	5.098	96	62326	51.324	ug/l	96
22) Diisopropyl ether	6.006	45	188558	56.995	ug/l	93
23) Vinyl Acetate	5.945	43	759834	290.097	ug/l	95
24) 1,1-Dichloroethane	5.897	63	109516	54.130	ug/l	98
25) 2-Butanone	6.872	43	92677	284.077	ug/l	89
26) 2,2-Dichloropropane	6.872	77	86405	52.739	ug/l	96
27) cis-1,2-Dichloroethene	6.872	96	76823	53.756	ug/l	97
28) Bromochloromethane	7.238	49	45669	53.811	ug/l	93
29) Tetrahydrofuran	7.250	42	59978	285.997	ug/l	91
30) Chloroform	7.409	83	122918	54.523	ug/l	98
31) Cyclohexane	7.689	56	82327	52.941	ug/l	96
32) 1,1,1-Trichloroethane	7.604	97	110326	55.686	ug/l	97
36) 1,1-Dichloropropene	7.823	75	79438	50.286	ug/l	100
37) Ethyl Acetate	6.964	43	42004	60.015	ug/l	97
38) Carbon Tetrachloride	7.805	117	96651	52.794	ug/l	95
39) Methylcyclohexane	9.103	83	100789	49.718	ug/l	98
40) Benzene	8.073	78	254871	52.606	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.201	41	18898	49.470	ug/l	96
42) 1,2-Dichloroethane	8.152	62	70355	53.775	ug/l	97
43) Isopropyl Acetate	8.189	43	75331	53.220	ug/l #	83
44) Trichloroethene	8.860	130	69874	51.687	ug/l	94
45) 1,2-Dichloropropane	9.134	63	59240	54.879	ug/l	99
46) Dibromomethane	9.225	93	38355	54.782	ug/l	96
47) Bromodichloromethane	9.420	83	96402	56.123	ug/l	95
48) Methyl methacrylate	9.213	41	37592	59.592	ug/l	85
49) 1,4-Dioxane	9.219	88	9472	1116.826	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	222687	296.415	ug/l	91
52) Toluene	10.164	92	170713	53.678	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	82844	58.140	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	92322	53.875	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	49230	54.621	ug/l	95
56) Ethyl methacrylate	10.438	69	66411	56.293	ug/l #	80
57) 1,3-Dichloropropane	10.713	76	82437	56.107	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	147937	264.333	ug/l	96
59) 2-Hexanone	10.762	43	152675	295.804	ug/l	89
60) Dibromochloromethane	10.908	129	68498	55.798	ug/l	100
61) 1,2-Dibromoethane	11.012	107	48091	55.204	ug/l	99
64) Tetrachloroethene	10.646	164	71465	52.326	ug/l	96
65) Chlorobenzene	11.438	112	189267	52.605	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	68528	54.161	ug/l	97
67) Ethyl Benzene	11.518	91	336235	53.843	ug/l	96
68) m/p-Xylenes	11.627	106	264045	106.561	ug/l	100
69) o-Xylene	11.950	106	126144	54.974	ug/l	99
70) Styrene	11.969	104	213846	54.650	ug/l	97
71) Bromoform	12.133	173	39887	55.147	ug/l #	98
73) Isopropylbenzene	12.255	105	325711	54.133	ug/l	99
74) N-amyl acetate	12.072	43	76543	58.340	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	55215	51.546	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	41318m	53.370	ug/l	
77) Bromobenzene	12.530	156	76593	53.005	ug/l	99
78) n-propylbenzene	12.597	91	383019	53.250	ug/l	99
79) 2-Chlorotoluene	12.682	91	219189	54.355	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	264492	53.959	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	17648	56.298	ug/l	89
82) 4-Chlorotoluene	12.780	91	224383	53.483	ug/l	98
83) tert-Butylbenzene	12.999	119	244599	54.036	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	262930	53.821	ug/l	100
85) sec-Butylbenzene	13.176	105	349510	52.985	ug/l	98
86) p-Isopropyltoluene	13.292	119	294787	54.406	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	149405	52.428	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	145195	51.256	ug/l	98
89) n-Butylbenzene	13.615	91	253165	51.249	ug/l	99
90) Hexachloroethane	13.883	117	57332	53.684	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	118002	47.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7895	50.101	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	71047	50.266	ug/l	99
94) Hexachlorobutadiene	15.023	225	42515	57.748	ug/l	98
95) Naphthalene	15.145	128	139718	55.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	64928	54.465	ug/l	99

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

