

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111924\
 Data File : VY020341.D
 Acq On : 19 Nov 2024 16:57
 Operator : SY/MD
 Sample : VSTDICC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC050

Quant Time: Nov 20 01:01:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 00:48:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	227113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	420316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	360842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	149547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144497	55.378	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	110.760%	
35) Dibromofluoromethane	7.634	113	135608	50.315	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	100.620%	
50) Toluene-d8	10.109	98	587453	55.332	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	110.660%	
62) 4-Bromofluorobenzene	12.402	95	180882	52.998	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	106.000%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	103026	46.735	ug/l	100
3) Chloromethane	2.068	50	154573	53.880	ug/l	100
4) Vinyl Chloride	2.208	62	141208	46.691	ug/l	100
5) Bromomethane	2.598	94	71314	47.214	ug/l	100
6) Chloroethane	2.739	64	83973	47.597	ug/l	100
7) Trichlorofluoromethane	3.062	101	211527	50.331	ug/l	100
8) Diethyl Ether	3.458	74	69448	52.373	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	134494	53.736	ug/l	100
10) Methyl Iodide	4.007	142	187546	55.942	ug/l	100
11) Tert butyl alcohol	4.879	59	41051	212.148	ug/l	100
12) 1,1-Dichloroethene	3.793	96	133044	53.701	ug/l	100
13) Acrolein	3.659	56	41213	255.080	ug/l	100
14) Allyl chloride	4.391	41	214855	44.846	ug/l	100
15) Acrylonitrile	5.061	53	140610	239.879	ug/l	100
16) Acetone	3.873	43	181648	290.397	ug/l	100
17) Carbon Disulfide	4.110	76	470701	56.393	ug/l	100
18) Methyl Acetate	4.391	43	68494	46.975	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	317819	49.382	ug/l	100
20) Methylene Chloride	4.616	84	129583	48.919	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	136395	49.567	ug/l	100
22) Diisopropyl ether	6.025	45	457338	48.440	ug/l	100
23) Vinyl Acetate	5.964	43	1302817	246.924	ug/l	100
24) 1,1-Dichloroethane	5.921	63	258252	48.453	ug/l	100
25) 2-Butanone	6.896	43	203885	253.183	ug/l	100
26) 2,2-Dichloropropane	6.884	77	217639	49.403	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	156034	51.482	ug/l	100
28) Bromochloromethane	7.244	49	115631	51.546	ug/l	100
29) Tetrahydrofuran	7.268	42	121226	251.872	ug/l	100
30) Chloroform	7.421	83	280651	54.528	ug/l	100
31) Cyclohexane	7.701	56	235065	48.327	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	226463	50.111	ug/l	100
36) 1,1-Dichloropropene	7.841	75	190663	46.316	ug/l	100
37) Ethyl Acetate	6.988	43	89102	46.422	ug/l	100
38) Carbon Tetrachloride	7.823	117	200826	46.725	ug/l	100
39) Methylcyclohexane	9.110	83	245019	47.559	ug/l	100
40) Benzene	8.079	78	566676	46.974	ug/l	100

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41) Methacrylonitrile	7.226	41	49407	46.047	ug/l	100
42) 1,2-Dichloroethane	8.158	62	152946	46.970	ug/l	100
43) Isopropyl Acetate	8.195	43	177802	48.484	ug/l	100
44) Trichloroethene	8.866	130	134577	47.083	ug/l	100
45) 1,2-Dichloropropane	9.140	63	134142	46.606	ug/l	100
46) Dibromomethane	9.231	93	72212	48.950	ug/l	100
47) Bromodichloromethane	9.420	83	206587	50.729	ug/l	100
48) Methyl methacrylate	9.219	41	84404	48.140	ug/l	100
49) 1,4-Dioxane	9.238	88	14757	972.312	ug/l	100
51) 4-Methyl-2-Pentanone	10.000	43	516270	277.407	ug/l	100
52) Toluene	10.170	92	357134	48.435	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	188307	48.898	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	212293	48.156	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	91951	46.957	ug/l	100
56) Ethyl methacrylate	10.439	69	148986	50.661	ug/l	100
57) 1,3-Dichloropropane	10.713	76	175316	49.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	328825	235.811	ug/l	100
59) 2-Hexanone	10.762	43	358788	272.258	ug/l	100
60) Dibromochloromethane	10.908	129	128210	50.796	ug/l	100
61) 1,2-Dibromoethane	11.012	107	91358	50.347	ug/l	100
64) Tetrachloroethene	10.646	164	119531	45.954	ug/l	100
65) Chlorobenzene	11.438	112	412910	51.322	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	133303	49.598	ug/l	100
67) Ethyl Benzene	11.518	91	740094	49.862	ug/l	100
68) m/p-Xylenes	11.627	106	510631	95.509	ug/l	100
69) o-Xylene	11.957	106	241061	47.538	ug/l	100
70) Styrene	11.969	104	408085	48.436	ug/l	100
71) Bromoform	12.133	173	68064	48.591	ug/l	100
73) Isopropylbenzene	12.255	105	645114	50.923	ug/l	100
74) N-amyl acetate	12.072	43	163678	53.464	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	108812	53.145	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	76443m	54.065	ug/l	
77) Bromobenzene	12.530	156	137993	51.991	ug/l	100
78) n-propylbenzene	12.597	91	777424	51.134	ug/l	100
79) 2-Chlorotoluene	12.682	91	431579	49.371	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	507211	49.541	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	38276	53.209	ug/l	100
82) 4-Chlorotoluene	12.780	91	440797	48.859	ug/l	100
83) tert-Butylbenzene	12.999	119	462472	51.187	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	508985	50.144	ug/l	100
85) sec-Butylbenzene	13.176	105	758609	53.259	ug/l	100
86) p-Isopropyltoluene	13.292	119	576317	52.331	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	276359	51.496	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	258732	50.459	ug/l	100
89) n-Butylbenzene	13.621	91	547533	51.917	ug/l	100
90) Hexachloroethane	13.877	117	115268	54.229	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	231279	51.724	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17802	52.987	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	133647	49.434	ug/l	100
94) Hexachlorobutadiene	15.023	225	80673	48.885	ug/l	100
95) Naphthalene	15.145	128	244680	52.551	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	111791	48.361	ug/l	100

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

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