

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020545.D
 Acq On : 09 Dec 2024 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 10 03:54:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/10/2024
 Supervised By :Semsettin Yesilyurt 12/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	186100	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	289936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	236617	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	109947	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	90968	48.063	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.120%
35) Dibromofluoromethane	7.634	113	92027	50.418	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.103	98	344595	49.579	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.408	95	119154	49.017	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.040%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	83555	46.028	ug/l	100
3) Chloromethane	2.074	50	84305	45.868	ug/l	98
4) Vinyl Chloride	2.208	62	87674	46.785	ug/l	95
5) Bromomethane	2.598	94	52775	47.997	ug/l	100
6) Chloroethane	2.739	64	53913	46.939	ug/l	99
7) Trichlorofluoromethane	3.062	101	160033	45.596	ug/l	98
8) Diethyl Ether	3.458	74	46172	46.430	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.824	101	92814	45.385	ug/l	97
10) Methyl Iodide	4.007	142	108264	47.158	ug/l	97
11) Tert butyl alcohol	4.854	59	30656	249.691	ug/l	100
12) 1,1-Dichloroethene	3.793	96	90698	46.949	ug/l	91
13) Acrolein	3.653	56	20315	176.727	ug/l	99
14) Allyl chloride	4.385	41	153646	44.593	ug/l	94
15) Acrylonitrile	5.055	53	96128	231.999	ug/l	100
16) Acetone	3.866	43	123816	263.098	ug/l	96
17) Carbon Disulfide	4.110	76	267014	48.292	ug/l	100
18) Methyl Acetate	4.385	43	46709	46.698	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	225436	45.694	ug/l	98
20) Methylene Chloride	4.622	84	92792	46.351	ug/l	91
21) trans-1,2-Dichloroethene	5.122	96	98876	46.080	ug/l	98
22) Diisopropyl ether	6.019	45	300976	43.928	ug/l	99
23) Vinyl Acetate	5.964	43	816637	225.343	ug/l	99
24) 1,1-Dichloroethane	5.915	63	183414	44.465	ug/l	98
25) 2-Butanone	6.890	43	145296	244.500	ug/l	93
26) 2,2-Dichloropropane	6.890	77	173048	44.355	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	114376	45.650	ug/l	96
28) Bromochloromethane	7.244	49	70130	45.528	ug/l	93
29) Tetrahydrofuran	7.262	42	76773	226.459	ug/l	95
30) Chloroform	7.421	83	186361	44.021	ug/l	95
31) Cyclohexane	7.701	56	156387	41.937	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	178549	43.801	ug/l	97
36) 1,1-Dichloropropene	7.835	75	138515	44.938	ug/l	99
37) Ethyl Acetate	6.982	43	55515	45.461	ug/l	97
38) Carbon Tetrachloride	7.817	117	164929	44.832	ug/l	98
39) Methylcyclohexane	9.109	83	171748	44.903	ug/l	99
40) Benzene	8.079	78	405768	44.648	ug/l	98

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41) Methacrylonitrile	7.220	41	33916m	48.856	ug/l	
42) 1,2-Dichloroethane	8.158	62	105396	44.136	ug/l	99
43) Isopropyl Acetate	8.195	43	110281	44.723	ug/l #	89
44) Trichloroethene	8.866	130	101346	45.236	ug/l	99
45) 1,2-Dichloropropane	9.140	63	93373	43.905	ug/l	98
46) Dibromomethane	9.231	93	47961	45.548	ug/l	96
47) Bromodichloromethane	9.420	83	137609	44.357	ug/l	99
48) Methyl methacrylate	9.219	41	51834	45.078	ug/l	95
49) 1,4-Dioxane	9.225	88	10513	1044.525	ug/l	91
51) 4-Methyl-2-Pentanone	9.993	43	277999	228.285	ug/l	97
52) Toluene	10.170	92	255297	45.024	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	127053	45.617	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	149727	45.488	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	64336	45.803	ug/l	97
56) Ethyl methacrylate	10.438	69	91974	46.277	ug/l	91
57) 1,3-Dichloropropane	10.719	76	113653	45.186	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	201570	216.616	ug/l	96
59) 2-Hexanone	10.762	43	206945	235.563	ug/l	95
60) Dibromochloromethane	10.908	129	88973	45.497	ug/l	100
61) 1,2-Dibromoethane	11.012	107	58196	45.306	ug/l	99
64) Tetrachloroethene	10.646	164	88833	44.431	ug/l	96
65) Chlorobenzene	11.444	112	264928	44.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	92925	44.179	ug/l	98
67) Ethyl Benzene	11.518	91	493974	44.434	ug/l	99
68) m/p-Xylenes	11.627	106	367989	90.398	ug/l	100
69) o-Xylene	11.956	106	171986	45.097	ug/l	100
70) Styrene	11.969	104	285883	44.932	ug/l	99
71) Bromoform	12.133	173	49583	46.365	ug/l #	100
73) Isopropylbenzene	12.255	105	472184	44.387	ug/l	99
74) N-aryl acetate	12.072	43	94045	45.105	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	68567	44.820	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	51181m	45.697	ug/l	
77) Bromobenzene	12.530	156	98872	44.880	ug/l	96
78) n-propylbenzene	12.597	91	560309	44.486	ug/l	99
79) 2-Chlorotoluene	12.682	91	312175	43.925	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	379149	44.475	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	24947	45.703	ug/l	94
82) 4-Chlorotoluene	12.779	91	321198	44.287	ug/l	99
83) tert-Butylbenzene	12.999	119	347124	45.038	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	371373	44.820	ug/l	99
85) sec-Butylbenzene	13.176	105	497340	45.026	ug/l	99
86) p-Isopropyltoluene	13.292	119	411563	45.089	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	192854	45.392	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	184607	44.384	ug/l	100
89) n-Butylbenzene	13.621	91	383174	45.262	ug/l	98
90) Hexachloroethane	13.883	117	79189	44.517	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	161393	44.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10493	45.307	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	95137	46.958	ug/l	99
94) Hexachlorobutadiene	15.029	225	66965	47.247	ug/l	99
95) Naphthalene	15.145	128	153724	46.889	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	75587	46.237	ug/l	99

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

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