

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020728.D
 Acq On : 26 Dec 2024 19:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

Quant Time: Dec 27 00:37:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	118688	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	172132	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	148030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	76525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	57538	59.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.380%			
35) Dibromofluoromethane	7.640	113	52517	55.390	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.780%			
50) Toluene-d8	10.109	98	201423	53.305	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.408	95	70702	56.112	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 112.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	42146	45.114	ug/l	94
3) Chloromethane	2.074	50	18374	52.737	ug/l	94
4) Vinyl Chloride	2.208	62	21249	49.224	ug/l	96
5) Bromomethane	2.604	94	16604	50.944	ug/l	93
6) Chloroethane	2.745	64	13180	50.896	ug/l	97
7) Trichlorofluoromethane	3.068	101	73042	44.000	ug/l	98
8) Diethyl Ether	3.464	74	21450	54.301	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	43414	47.637	ug/l	99
10) Methyl Iodide	4.013	142	51674	51.852	ug/l	100
11) Tert butyl alcohol	4.878	59	16118	266.739	ug/l #	81
12) 1,1-Dichloroethene	3.799	96	40626	50.083	ug/l	97
13) Acrolein	3.659	56	3260	160.414	ug/l	98
14) Allyl chloride	4.391	41	50835	53.553	ug/l	93
15) Acrylonitrile	5.073	53	40816	267.470	ug/l	97
16) Acetone	3.879	43	29116	236.085	ug/l	97
17) Carbon Disulfide	4.116	76	104201	52.366	ug/l	98
18) Methyl Acetate	4.391	43	18350	54.975	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	118115	52.242	ug/l	98
20) Methylene Chloride	4.628	84	43712	54.496	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	46151	52.798	ug/l	97
22) Diisopropyl ether	6.025	45	108472	56.213	ug/l	99
23) Vinyl Acetate	5.970	43	314401	272.779	ug/l	96
24) 1,1-Dichloroethane	5.927	63	76973	53.204	ug/l	98
25) 2-Butanone	6.896	43	45661	274.081	ug/l	90
26) 2,2-Dichloropropane	6.890	77	83233	47.004	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	55233	52.764	ug/l	97
28) Bromochloromethane	7.250	49	23832	62.291	ug/l	98
29) Tetrahydrofuran	7.262	42	28493	278.632	ug/l	99
30) Chloroform	7.427	83	95317	51.215	ug/l	99
31) Cyclohexane	7.707	56	56780	45.467	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	96771	48.508	ug/l	100
36) 1,1-Dichloropropene	7.841	75	59925	47.847	ug/l	98
37) Ethyl Acetate	6.988	43	21782	52.779	ug/l	98
38) Carbon Tetrachloride	7.823	117	92693	44.945	ug/l	96
39) Methylcyclohexane	9.115	83	73974	46.082	ug/l	95
40) Benzene	8.085	78	184941	50.952	ug/l	98

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41) Methacrylonitrile	7.232	41	12457	59.754	ug/l	94
42) 1,2-Dichloroethane	8.164	62	58148	49.961	ug/l	99
43) Isopropyl Acetate	8.201	43	45902	52.327	ug/l	100
44) Trichloroethene	8.865	130	52902	48.797	ug/l	97
45) 1,2-Dichloropropane	9.146	63	38629	52.575	ug/l	99
46) Dibromomethane	9.237	93	25757	50.665	ug/l	96
47) Bromodichloromethane	9.426	83	71632	49.700	ug/l	93
48) Methyl methacrylate	9.225	41	20264	49.466	ug/l	98
49) 1,4-Dioxane	9.237	88	5473	1130.206	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	111120	262.443	ug/l	99
52) Toluene	10.170	92	126070	50.676	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	63222	49.943	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	70450	50.773	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	33307	51.326	ug/l	96
56) Ethyl methacrylate	10.444	69	44306	51.971	ug/l	97
57) 1,3-Dichloropropane	10.719	76	53860	51.138	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.713	63	89410	300.757	ug/l	99
59) 2-Hexanone	10.761	43	76163	272.444	ug/l	98
60) Dibromochloromethane	10.914	129	51420	49.038	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30175	49.418	ug/l	98
64) Tetrachloroethene	10.652	164	47206	46.676	ug/l	98
65) Chlorobenzene	11.444	112	143586	49.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	54805	48.804	ug/l	99
67) Ethyl Benzene	11.524	91	251000	49.546	ug/l	99
68) m/p-Xylenes	11.633	106	190725	98.695	ug/l	99
69) o-Xylene	11.956	106	91171	49.380	ug/l	100
70) Styrene	11.969	104	156202	50.397	ug/l	98
71) Bromoform	12.133	173	32013	49.586	ug/l #	99
73) Isopropylbenzene	12.255	105	249657	47.089	ug/l	99
74) N-amyl acetate	12.072	43	39222	52.059	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	33686	49.563	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	28814m	59.202	ug/l	
77) Bromobenzene	12.536	156	59248	48.546	ug/l	100
78) n-propylbenzene	12.597	91	282155	47.482	ug/l	99
79) 2-Chlorotoluene	12.682	91	162993	48.116	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	212033	48.002	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12073	49.030	ug/l	96
82) 4-Chlorotoluene	12.779	91	167778	47.924	ug/l	100
83) tert-Butylbenzene	12.999	119	191560	46.437	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	209170	48.661	ug/l	99
85) sec-Butylbenzene	13.176	105	259512	46.679	ug/l	99
86) p-Isopropyltoluene	13.292	119	231821	46.789	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	113309	47.503	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	112454	47.392	ug/l	98
89) n-Butylbenzene	13.621	91	190714	46.112	ug/l	99
90) Hexachloroethane	13.883	117	43349	46.011	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	100450	49.115	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6413	48.649	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	59790	45.993	ug/l	100
94) Hexachlorobutadiene	15.029	225	40572	42.822	ug/l	100
95) Naphthalene	15.151	128	97419	46.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	50331	46.500	ug/l	99

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

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