

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020749.D
 Acq On : 27 Dec 2024 19:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 03:07:06 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	131204	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.615	114	194081	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	171433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	91108	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	70404	65.512	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.020%	
35) Dibromofluoromethane	7.634	113	64822	60.637	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.280%	
50) Toluene-d8	10.109	98	248088	58.070	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.140%	
62) 4-Bromofluorobenzene	12.407	95	87622	61.675	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 123.360%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	50042	48.456	ug/l	93
3) Chloromethane	2.074	50	23525	61.080	ug/l	98
4) Vinyl Chloride	2.208	62	25748	53.957	ug/l	97
5) Bromomethane	2.598	94	19713	54.713	ug/l	93
6) Chloroethane	2.738	64	15655	54.686	ug/l	99
7) Trichlorofluoromethane	3.062	101	86104	46.920	ug/l	100
8) Diethyl Ether	3.464	74	27357	62.648	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	53384	52.989	ug/l	99
10) Methyl Iodide	4.013	142	61694	56.001	ug/l	94
11) Tert butyl alcohol	4.866	59	21396	324.830	ug/l #	96
12) 1,1-Dichloroethene	3.799	96	48362	53.933	ug/l	97
13) Acrolein	3.659	56	4714	209.833	ug/l	98
14) Allyl chloride	4.391	41	64972	61.917	ug/l	88
15) Acrylonitrile	5.061	53	57132	338.675	ug/l	97
16) Acetone	3.872	43	39873	292.466	ug/l	99
17) Carbon Disulfide	4.116	76	126635	57.570	ug/l	100
18) Methyl Acetate	4.385	43	28521	77.296	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	146442	58.592	ug/l	94
20) Methylene Chloride	4.622	84	52898	59.657	ug/l	94
21) trans-1,2-Dichloroethene	5.128	96	54785	56.696	ug/l	96
22) Diisopropyl ether	6.024	45	138924	65.126	ug/l	95
23) Vinyl Acetate	5.963	43	409978	321.771	ug/l	96
24) 1,1-Dichloroethane	5.915	63	92821	58.038	ug/l	96
25) 2-Butanone	6.896	43	63621	345.457	ug/l	94
26) 2,2-Dichloropropane	6.890	77	95288	48.678	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	65967	57.007	ug/l	98
28) Bromochloromethane	7.250	49	28845	68.201	ug/l	97
29) Tetrahydrofuran	7.268	42	40783	360.771	ug/l	96
30) Chloroform	7.427	83	111211	54.055	ug/l	94
31) Cyclohexane	7.701	56	73345	53.129	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	111180	50.414	ug/l	100
36) 1,1-Dichloropropene	7.841	75	71730	50.796	ug/l	99
37) Ethyl Acetate	6.988	43	30057	64.593	ug/l	98
38) Carbon Tetrachloride	7.823	117	107799	46.359	ug/l	99
39) Methylcyclohexane	9.109	83	94222	52.058	ug/l	98
40) Benzene	8.085	78	222888	54.462	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	13733	58.425	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	69024	52.598	ug/l	98
43) Isopropyl Acetate	8.201	43	61458	62.137	ug/l	98
44) Trichloroethene	8.865	130	62427	51.071	ug/l	90
45) 1,2-Dichloropropane	9.140	63	49127	59.302	ug/l	99
46) Dibromomethane	9.231	93	32071	55.951	ug/l	96
47) Bromodichloromethane	9.426	83	85206	52.432	ug/l	94
48) Methyl methacrylate	9.219	41	28612	61.946	ug/l	94
49) 1,4-Dioxane	9.231	88	7343	1344.883	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	154217	323.038	ug/l	99
52) Toluene	10.170	92	148677	53.005	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	78583	55.057	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	87250	55.769	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	42105	57.546	ug/l	97
56) Ethyl methacrylate	10.438	69	58779	61.150	ug/l	95
57) 1,3-Dichloropropane	10.719	76	70058	58.995	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	106637	318.139	ug/l	97
59) 2-Hexanone	10.761	43	104509	331.562	ug/l	99
60) Dibromochloromethane	10.914	129	64044	54.170	ug/l	100
61) 1,2-Dibromoethane	11.017	107	39502	57.377	ug/l	99
64) Tetrachloroethene	10.646	164	56887	48.570	ug/l	99
65) Chlorobenzene	11.444	112	171927	51.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	65782	50.582	ug/l	98
67) Ethyl Benzene	11.523	91	299860	51.110	ug/l	99
68) m/p-Xylenes	11.633	106	226733	101.311	ug/l	99
69) o-Xylene	11.956	106	109428	51.177	ug/l	99
70) Styrene	11.975	104	188839	52.609	ug/l	97
71) Bromoform	12.133	173	40078	53.603	ug/l #	99
73) Isopropylbenzene	12.255	105	299051	47.377	ug/l	100
74) N-amyl acetate	12.072	43	53726	59.896	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	46363	57.296	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	30584m	52.780	ug/l	
77) Bromobenzene	12.535	156	71910	49.490	ug/l	98
78) n-propylbenzene	12.596	91	344011	48.626	ug/l	99
79) 2-Chlorotoluene	12.682	91	198143	49.130	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	251572	47.837	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16596	56.611	ug/l	92
82) 4-Chlorotoluene	12.779	91	204685	49.108	ug/l	98
83) tert-Butylbenzene	12.999	119	230960	47.027	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	250778	49.003	ug/l	98
85) sec-Butylbenzene	13.176	105	319577	48.282	ug/l	100
86) p-Isopropyltoluene	13.291	119	282749	47.933	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	138363	48.722	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	139532	49.392	ug/l	97
89) n-Butylbenzene	13.621	91	241705	49.087	ug/l	98
90) Hexachloroethane	13.883	117	53324	47.540	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	122565	50.335	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8078	51.471	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	78794	50.910	ug/l	99
94) Hexachlorobutadiene	15.029	225	53265	47.221	ug/l	99
95) Naphthalene	15.151	128	135621	54.711	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	66785	51.825	ug/l	99

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

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

