

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020709.D
 Acq On : 26 Dec 2024 10:39
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 26 16:06:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:03:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	95919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	134605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	116249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	60351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	49534	63.047	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	126.100%	
35) Dibromofluoromethane	7.646	113	42955	57.936	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	115.880%	
50) Toluene-d8	10.115	98	165135	55.802	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	111.600%	
62) 4-Bromofluorobenzene	12.414	95	57393	58.248	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	116.500%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	38801	51.393	ug/l	98
3) Chloromethane	2.074	50	15038	53.407	ug/l	98
4) Vinyl Chloride	2.214	62	18435	52.843	ug/l	99
5) Bromomethane	2.611	94	13527	51.355	ug/l	93
6) Chloroethane	2.745	64	10817	51.686	ug/l	98
7) Trichlorofluoromethane	3.074	101	68580	51.119	ug/l	99
8) Diethyl Ether	3.464	74	17063	53.449	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	37468	50.872	ug/l	99
10) Methyl Iodide	4.019	142	43478	53.984	ug/l	97
11) Tert butyl alcohol	4.879	59	13467	276.533	ug/l #	91
12) 1,1-Dichloroethene	3.806	96	33758	51.495	ug/l	97
13) Acrolein	3.665	56	3048	185.584	ug/l	98
14) Allyl chloride	4.397	41	39674	51.717	ug/l	96
15) Acrylonitrile	5.074	53	34070	276.260	ug/l	98
16) Acetone	3.879	43	26066	261.525	ug/l	97
17) Carbon Disulfide	4.123	76	86912	54.046	ug/l	100
18) Methyl Acetate	4.397	43	15232	56.466	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	97389	53.300	ug/l	96
20) Methylene Chloride	4.635	84	32892	50.741	ug/l	93
21) trans-1,2-Dichloroethene	5.128	96	37498	53.081	ug/l	95
22) Diisopropyl ether	6.031	45	82233	52.731	ug/l	98
23) Vinyl Acetate	5.976	43	257552	276.499	ug/l	99
24) 1,1-Dichloroethane	5.933	63	59422	50.822	ug/l	99
25) 2-Butanone	6.903	43	38144	283.310	ug/l	97
26) 2,2-Dichloropropane	6.896	77	71954	50.280	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	44338	52.410	ug/l	97
28) Bromochloromethane	7.256	49	18465	59.719	ug/l	96
29) Tetrahydrofuran	7.274	42	23409	283.255	ug/l	96
30) Chloroform	7.433	83	75540	50.224	ug/l	93
31) Cyclohexane	7.713	56	48960	48.512	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	82365	51.087	ug/l	99
36) 1,1-Dichloropropene	7.848	75	50348	51.408	ug/l	99
37) Ethyl Acetate	7.000	43	17946	55.607	ug/l	99
38) Carbon Tetrachloride	7.829	117	82604	51.220	ug/l	97
39) Methylcyclohexane	9.116	83	65222	51.957	ug/l	99
40) Benzene	8.091	78	146525	51.623	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	7518	46.116	ug/l #	71
42) 1,2-Dichloroethane	8.165	62	49005	53.844	ug/l	100
43) Isopropyl Acetate	8.207	43	38693	56.406	ug/l	99
44) Trichloroethene	8.872	130	43575	51.399	ug/l	90
45) 1,2-Dichloropropane	9.152	63	30307	52.749	ug/l	95
46) Dibromomethane	9.238	93	21455	53.969	ug/l	97
47) Bromodichloromethane	9.433	83	58285	51.714	ug/l	93
48) Methyl methacrylate	9.225	41	17575	54.863	ug/l	99
49) 1,4-Dioxane	9.238	88	4523	1194.426	ug/l	98
51) 4-Methyl-2-Pentanone	10.006	43	93936	283.711	ug/l	99
52) Toluene	10.176	92	100248	51.531	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	54221	54.774	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	57850	53.316	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	26808	52.828	ug/l	99
56) Ethyl methacrylate	10.445	69	37346	56.020	ug/l	98
57) 1,3-Dichloropropane	10.725	76	44949	54.576	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	68375	294.122	ug/l	100
59) 2-Hexanone	10.768	43	64500	295.048	ug/l	98
60) Dibromochloromethane	10.920	129	42531	51.869	ug/l	96
61) 1,2-Dibromoethane	11.018	107	25662	53.744	ug/l	98
64) Tetrachloroethene	10.652	164	40834	51.414	ug/l	96
65) Chlorobenzene	11.451	112	116432	51.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	45293	51.360	ug/l	99
67) Ethyl Benzene	11.524	91	206644	51.942	ug/l	98
68) m/p-Xylenes	11.633	106	156992	103.449	ug/l	99
69) o-Xylene	11.963	106	75564	52.115	ug/l	99
70) Styrene	11.975	104	126718	52.061	ug/l	99
71) Bromoform	12.139	173	28066	55.357	ug/l #	99
73) Isopropylbenzene	12.261	105	209755	50.166	ug/l	99
74) N-amyl acetate	12.078	43	33024	55.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	28705	53.553	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	18132m	38.088	ug/l	
77) Bromobenzene	12.536	156	49237	51.155	ug/l	98
78) n-propylbenzene	12.603	91	235128	50.173	ug/l	100
79) 2-Chlorotoluene	12.688	91	136280	51.012	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	177863	51.057	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	10590	54.534	ug/l	98
82) 4-Chlorotoluene	12.786	91	141476	51.241	ug/l	99
83) tert-Butylbenzene	13.005	119	164603	50.596	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	174321	51.423	ug/l	99
85) sec-Butylbenzene	13.182	105	221870	50.603	ug/l	99
86) p-Isopropyltoluene	13.298	119	198854	50.891	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	95245	50.631	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	94865	50.694	ug/l	99
89) n-Butylbenzene	13.621	91	166380	51.010	ug/l	99
90) Hexachloroethane	13.889	117	37154	50.005	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	85113	52.769	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	5917	56.916	ug/l	95
93) 1,2,4-Trichlorobenzene	14.932	180	54457	53.117	ug/l	100
94) Hexachlorobutadiene	15.029	225	37636	50.369	ug/l	99
95) Naphthalene	15.151	128	92244	56.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	46678	54.682	ug/l	99

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

