

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020730.D
 Acq On : 27 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 28 02:58:58 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	133845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	187374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	158006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	79722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	57614	52.553	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	105.100%	
35) Dibromofluoromethane	7.652	113	54795	53.092	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	106.180%	
50) Toluene-d8	10.115	98	216107	52.564	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	105.120%	
62) 4-Bromofluorobenzene	12.414	95	72054	52.533	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	105.060%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	51228	48.626	ug/l	95
3) Chloromethane	2.080	50	23141	58.897	ug/l	97
4) Vinyl Chloride	2.214	62	26766	54.983	ug/l	89
5) Bromomethane	2.610	94	18970	51.612	ug/l	98
6) Chloroethane	2.751	64	16702	57.192	ug/l	92
7) Trichlorofluoromethane	3.080	101	91073	48.649	ug/l	100
8) Diethyl Ether	3.470	74	23214	52.112	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.836	101	52713	51.291	ug/l	98
10) Methyl Iodide	4.025	142	59452	52.901	ug/l	95
11) Tert butyl alcohol	4.891	59	14856	213.899	ug/l #	88
12) 1,1-Dichloroethene	3.805	96	47296	51.703	ug/l	98
13) Acrolein	3.665	56	3847	167.861	ug/l	93
14) Allyl chloride	4.403	41	58687	54.824	ug/l	92
15) Acrylonitrile	5.073	53	43598	253.347	ug/l	96
16) Acetone	3.885	43	29746	213.880	ug/l	98
17) Carbon Disulfide	4.128	76	123531	55.051	ug/l	99
18) Methyl Acetate	4.397	43	19514	51.842	ug/l	97
19) Methyl tert-butyl Ether	5.134	73	123169	48.308	ug/l	96
20) Methylene Chloride	4.634	84	47276	52.265	ug/l	96
21) trans-1,2-Dichloroethene	5.134	96	51566	52.312	ug/l	98
22) Diisopropyl ether	6.037	45	118838	54.611	ug/l	98
23) Vinyl Acetate	5.982	43	334445	257.310	ug/l	98
24) 1,1-Dichloroethane	5.939	63	85791	52.584	ug/l	99
25) 2-Butanone	6.908	43	46137	245.577	ug/l	95
26) 2,2-Dichloropropane	6.902	77	96125	48.137	ug/l	99
27) cis-1,2-Dichloroethene	6.908	96	60776	51.485	ug/l	98
28) Bromochloromethane	7.262	49	27369	63.435	ug/l	98
29) Tetrahydrofuran	7.274	42	28016	242.943	ug/l	99
30) Chloroform	7.439	83	102428	48.804	ug/l	94
31) Cyclohexane	7.713	56	68981	48.982	ug/l	99
32) 1,1,1-Trichloroethane	7.628	97	108074	48.039	ug/l	99
36) 1,1-Dichloropropene	7.847	75	70228	51.513	ug/l	98
37) Ethyl Acetate	7.000	43	22212	49.443	ug/l	98
38) Carbon Tetrachloride	7.835	117	107755	47.999	ug/l	98
39) Methylcyclohexane	9.121	83	91105	52.137	ug/l	98
40) Benzene	8.091	78	203662	51.545	ug/l	99

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41) Methacrylonitrile	7.232	41	12968	57.145	ug/l	96
42) 1,2-Dichloroethane	8.170	62	59741	47.154	ug/l	98
43) Isopropyl Acetate	8.207	43	46484	48.680	ug/l	99
44) Trichloroethene	8.878	130	59012	50.005	ug/l	98
45) 1,2-Dichloropropane	9.152	63	42264	52.843	ug/l	96
46) Dibromomethane	9.243	93	26669	48.192	ug/l	99
47) Bromodichloromethane	9.432	83	76106	48.509	ug/l	95
48) Methyl methacrylate	9.231	41	21784	48.851	ug/l	95
49) 1,4-Dioxane	9.243	88	5205	987.428	ug/l	90
51) 4-Methyl-2-Pentanone	10.005	43	112082	243.182	ug/l	99
52) Toluene	10.182	92	138423	51.115	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	68883	49.988	ug/l	96
54) cis-1,3-Dichloropropene	9.865	75	77141	51.073	ug/l	99
55) 1,1,2-Trichloroethane	10.585	97	34585	48.960	ug/l	98
56) Ethyl methacrylate	10.450	69	45059	48.555	ug/l	98
57) 1,3-Dichloropropane	10.725	76	58035	50.620	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	90878	280.828	ug/l	97
59) 2-Hexanone	10.767	43	73439	241.330	ug/l	100
60) Dibromochloromethane	10.920	129	54194	47.479	ug/l	99
61) 1,2-Dibromoethane	11.024	107	31902	47.996	ug/l	98
64) Tetrachloroethene	10.658	164	55299	51.226	ug/l	97
65) Chlorobenzene	11.450	112	155423	50.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	59092	49.299	ug/l	99
67) Ethyl Benzene	11.530	91	278643	51.530	ug/l	98
68) m/p-Xylenes	11.639	106	210736	102.165	ug/l	99
69) o-Xylene	11.962	106	100416	50.953	ug/l	99
70) Styrene	11.981	104	169065	51.103	ug/l	98
71) Bromoform	12.139	173	33360	48.410	ug/l #	98
73) Isopropylbenzene	12.261	105	281788	51.018	ug/l	100
74) N-amyl acetate	12.078	43	40220	51.243	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	35282	49.829	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	24010m	47.353	ug/l	
77) Bromobenzene	12.542	156	63340	49.818	ug/l	99
78) n-propylbenzene	12.603	91	320025	51.696	ug/l	100
79) 2-Chlorotoluene	12.688	91	182465	51.704	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	230643	50.121	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	12742	49.672	ug/l	95
82) 4-Chlorotoluene	12.785	91	185289	50.803	ug/l	100
83) tert-Butylbenzene	13.005	119	212202	49.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	228098	50.937	ug/l	98
85) sec-Butylbenzene	13.188	105	294934	50.923	ug/l	99
86) p-Isopropyltoluene	13.298	119	261181	50.601	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	122537	49.311	ug/l	96
88) 1,4-Dichlorobenzene	13.377	146	121606	49.194	ug/l	98
89) n-Butylbenzene	13.627	91	220197	51.106	ug/l	98
90) Hexachloroethane	13.889	117	48174	49.082	ug/l	99
91) 1,2-Dichlorobenzene	13.669	146	106646	50.053	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	6343	46.188	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	65595	48.435	ug/l	99
94) Hexachlorobutadiene	15.035	225	47909	48.539	ug/l	99
95) Naphthalene	15.157	128	100561	46.361	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	53264	47.236	ug/l	99

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

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