

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020085.D
 Acq On : 31 Oct 2024 11:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 04:32:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	271638	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	493866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	426183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	197269	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	161437	47.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.240%
35) Dibromofluoromethane	7.634	113	151008	48.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.180%
50) Toluene-d8	10.109	98	594255	47.546	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.402	95	196378	48.373	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	132531	52.706	ug/l	99
3) Chloromethane	2.068	50	213405	51.237	ug/l	100
4) Vinyl Chloride	2.202	62	231907	51.866	ug/l	98
5) Bromomethane	2.598	94	149895	50.494	ug/l	97
6) Chloroethane	2.739	64	146686	50.833	ug/l	100
7) Trichlorofluoromethane	3.056	101	288742	52.861	ug/l	99
8) Diethyl Ether	3.458	74	83526	54.826	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.818	101	162185	52.938	ug/l	91
10) Methyl Iodide	4.013	142	169621	57.345	ug/l	90
11) Tert butyl alcohol	4.866	59	52230	214.180	ug/l	# 81
12) 1,1-Dichloroethene	3.787	96	157759	53.818	ug/l	# 77
13) Acrolein	3.653	56	67965	223.888	ug/l	100
14) Allyl chloride	4.391	41	293385	55.474	ug/l	# 90
15) Acrylonitrile	5.061	53	187174	269.905	ug/l	98
16) Acetone	3.873	43	228379	289.669	ug/l	# 84
17) Carbon Disulfide	4.104	76	524687	53.786	ug/l	99
18) Methyl Acetate	4.385	43	95486	51.619	ug/l	# 87
19) Methyl tert-butyl Ether	5.116	73	405274	54.955	ug/l	99
20) Methylene Chloride	4.616	84	174688	49.323	ug/l	# 77
21) trans-1,2-Dichloroethene	5.116	96	178954	54.132	ug/l	85
22) Diisopropyl ether	6.019	45	616790	56.200	ug/l	# 91
23) Vinyl Acetate	5.964	43	1730877	280.242	ug/l	# 89
24) 1,1-Dichloroethane	5.921	63	344047	54.139	ug/l	96
25) 2-Butanone	6.896	43	284228	265.950	ug/l	# 83
26) 2,2-Dichloropropane	6.890	77	291759	55.179	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	209311	55.079	ug/l	82
28) Bromochloromethane	7.244	49	156749	52.677	ug/l	# 73
29) Tetrahydrofuran	7.262	42	163497	265.088	ug/l	# 82
30) Chloroform	7.421	83	343029	54.396	ug/l	98
31) Cyclohexane	7.701	56	308697	50.176	ug/l	86
32) 1,1,1-Trichloroethane	7.622	97	302133	54.876	ug/l	95
36) 1,1-Dichloropropene	7.835	75	254712	52.512	ug/l	94
37) Ethyl Acetate	6.982	43	118668	51.314	ug/l	# 94
38) Carbon Tetrachloride	7.817	117	260526	53.412	ug/l	98
39) Methylcyclohexane	9.109	83	323942	52.621	ug/l	# 85
40) Benzene	8.079	78	754991	53.326	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	67900	58.613	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	207555	52.962	ug/l	94
43) Isopropyl Acetate	8.195	43	236652	53.216	ug/l #	75
44) Trichloroethene	8.866	130	172527	52.578	ug/l	82
45) 1,2-Dichloropropane	9.140	63	183675	54.224	ug/l	99
46) Dibromomethane	9.231	93	95851	52.223	ug/l	89
47) Bromodichloromethane	9.420	83	259184	53.904	ug/l	99
48) Methyl methacrylate	9.219	41	113548	55.124	ug/l #	81
49) 1,4-Dioxane	9.231	88	17976	951.294	ug/l #	81
51) 4-Methyl-2-Pentanone	10.000	43	602264	262.836	ug/l	89
52) Toluene	10.170	92	471742	54.054	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	231123	54.434	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	281238	55.494	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	123711	54.210	ug/l	99
56) Ethyl methacrylate	10.438	69	180361	55.097	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	220718	52.815	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	407292	252.289	ug/l	92
59) 2-Hexanone	10.762	43	442893	269.602	ug/l	88
60) Dibromochloromethane	10.908	129	156166	53.685	ug/l	99
61) 1,2-Dibromoethane	11.012	107	111808	52.735	ug/l	99
64) Tetrachloroethene	10.646	164	155228	55.164	ug/l	94
65) Chlorobenzene	11.438	112	490987	54.068	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	159984	55.142	ug/l	98
67) Ethyl Benzene	11.518	91	922370	54.337	ug/l	98
68) m/p-Xylenes	11.627	106	684925	110.282	ug/l	91
69) o-Xylene	11.950	106	322535	54.853	ug/l	90
70) Styrene	11.969	104	545181	56.076	ug/l	95
71) Bromoform	12.127	173	81468	54.735	ug/l #	99
73) Isopropylbenzene	12.255	105	873117	55.405	ug/l	97
74) N-ethyl acetate	12.072	43	223511	56.739	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	143438	52.045	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	99018m	53.547	ug/l	
77) Bromobenzene	12.530	156	171901	53.937	ug/l	82
78) n-propylbenzene	12.591	91	1092148	55.685	ug/l	96
79) 2-Chlorotoluene	12.676	91	601279	55.230	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	698512	55.211	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	46155	53.687	ug/l #	87
82) 4-Chlorotoluene	12.773	91	611504	55.089	ug/l	95
83) tert-Butylbenzene	12.999	119	632629	57.184	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	698716	55.758	ug/l	96
85) sec-Butylbenzene	13.176	105	948947	55.874	ug/l	97
86) p-Isopropyltoluene	13.292	119	766114	56.213	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	356203	55.016	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	351917	54.581	ug/l	96
89) n-Butylbenzene	13.615	91	774526	56.692	ug/l	97
90) Hexachloroethane	13.877	117	145554	54.002	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	308884	54.886	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	21391	51.178	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	168670	55.792	ug/l	96
94) Hexachlorobutadiene	15.023	225	92479	55.941	ug/l	98
95) Naphthalene	15.145	128	313818	55.531	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	138163	53.838	ug/l	98

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

