

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020084.D
 Acq On : 31 Oct 2024 10:43
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY103024

Quant Time: Nov 01 04:31:19 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 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	268972	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	478224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	417255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	195216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	189750	56.525	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	113.040%	
35) Dibromofluoromethane	7.634	113	168487	55.414	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	110.820%	
50) Toluene-d8	10.103	98	670000	55.359	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	110.720%	
62) 4-Bromofluorobenzene	12.402	95	223767	56.922	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	113.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	115208	46.271	ug/l	97
3) Chloromethane	2.068	50	182169	44.171	ug/l	100
4) Vinyl Chloride	2.202	62	197796	44.675	ug/l	99
5) Bromomethane	2.598	94	126006	42.867	ug/l	98
6) Chloroethane	2.739	64	126056	44.117	ug/l	98
7) Trichlorofluoromethane	3.062	101	246291	45.537	ug/l	98
8) Diethyl Ether	3.458	74	73740	48.883	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.818	101	141171	46.535	ug/l	91
10) Methyl Iodide	4.007	142	146540	50.033	ug/l	91
11) Tert butyl alcohol	4.866	59	53186	220.262	ug/l	# 94
12) 1,1-Dichloroethene	3.793	96	137418	47.344	ug/l	# 82
13) Acrolein	3.653	56	71311	237.238	ug/l	98
14) Allyl chloride	4.385	41	252324	48.183	ug/l	# 90
15) Acrylonitrile	5.061	53	172582	251.330	ug/l	98
16) Acetone	3.873	43	213437	273.401	ug/l	# 85
17) Carbon Disulfide	4.104	76	452065	46.801	ug/l	99
18) Methyl Acetate	4.391	43	90071	49.174	ug/l	90
19) Methyl tert-butyl Ether	5.116	73	363241	49.744	ug/l	96
20) Methylene Chloride	4.616	84	152399	43.456	ug/l	# 83
21) trans-1,2-Dichloroethene	5.116	96	155135	47.392	ug/l	# 81
22) Diisopropyl ether	6.019	45	529962	48.767	ug/l	# 90
23) Vinyl Acetate	5.964	43	1547055	252.963	ug/l	# 91
24) 1,1-Dichloroethane	5.921	63	296154	47.064	ug/l	97
25) 2-Butanone	6.890	43	272203	257.223	ug/l	# 85
26) 2,2-Dichloropropane	6.884	77	246168	47.018	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	175929	46.753	ug/l	81
28) Bromochloromethane	7.244	49	141202	47.922	ug/l	# 74
29) Tetrahydrofuran	7.262	42	156162	255.705	ug/l	# 81
30) Chloroform	7.421	83	292058	46.772	ug/l	97
31) Cyclohexane	7.701	56	266285	43.711	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	258957	47.501	ug/l	95
36) 1,1-Dichloropropene	7.835	75	218144	46.444	ug/l	94
37) Ethyl Acetate	6.988	43	110127	49.179	ug/l	98
38) Carbon Tetrachloride	7.817	117	222693	47.149	ug/l	99
39) Methylcyclohexane	9.109	83	279272	46.848	ug/l	# 89
40) Benzene	8.079	78	646271	47.140	ug/l	99

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41) Methacrylonitrile	7.220	41	53908	48.057	ug/l	89
42) 1,2-Dichloroethane	8.158	62	182141	47.998	ug/l	94
43) Isopropyl Acetate	8.195	43	216661	50.314	ug/l #	77
44) Trichloroethene	8.866	130	150791	47.457	ug/l	92
45) 1,2-Dichloropropane	9.140	63	161282	49.171	ug/l	95
46) Dibromomethane	9.231	93	83788	47.144	ug/l	90
47) Bromodichloromethane	9.420	83	222464	47.780	ug/l	98
48) Methyl methacrylate	9.219	41	102929	51.604	ug/l #	81
49) 1,4-Dioxane	9.225	88	18529	1012.632	ug/l #	82
51) 4-Methyl-2-Pentanone	10.000	43	568563	256.244	ug/l	88
52) Toluene	10.170	92	404514	47.867	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	201863	49.098	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	241963	49.306	ug/l #	81
55) 1,1,2-Trichloroethane	10.573	97	110724	50.106	ug/l	97
56) Ethyl methacrylate	10.438	69	160860	50.747	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	196046	48.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	397151	254.054	ug/l	92
59) 2-Hexanone	10.762	43	418906	263.341	ug/l	87
60) Dibromochloromethane	10.908	129	139046	49.363	ug/l	100
61) 1,2-Dibromoethane	11.012	107	99455	48.443	ug/l	99
64) Tetrachloroethene	10.646	164	133121	48.320	ug/l	93
65) Chlorobenzene	11.438	112	418677	47.091	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	137443	48.387	ug/l	98
67) Ethyl Benzene	11.518	91	792892	47.708	ug/l	98
68) m/p-Xylenes	11.627	106	582919	95.866	ug/l	91
69) o-Xylene	11.950	106	275864	47.919	ug/l	91
70) Styrene	11.969	104	461614	48.497	ug/l	95
71) Bromoform	12.133	173	72230	49.567	ug/l #	98
73) Isopropylbenzene	12.255	105	745963	47.834	ug/l	97
74) N-amyl acetate	12.066	43	199760	51.243	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	129555	47.502	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	89680m	49.007	ug/l	
77) Bromobenzene	12.530	156	152625	48.392	ug/l	84
78) n-propylbenzene	12.591	91	919688	47.385	ug/l	96
79) 2-Chlorotoluene	12.676	91	508597	47.208	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	598955	47.840	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	42073	49.454	ug/l #	82
82) 4-Chlorotoluene	12.773	91	526060	47.890	ug/l	94
83) tert-Butylbenzene	12.993	119	538319	49.171	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	596361	48.091	ug/l	96
85) sec-Butylbenzene	13.176	105	803695	47.819	ug/l	98
86) p-Isopropyltoluene	13.292	119	645311	47.847	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	302894	47.274	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	302974	47.484	ug/l	96
89) n-Butylbenzene	13.615	91	651898	48.218	ug/l	98
90) Hexachloroethane	13.877	117	124311	46.606	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	265185	47.617	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19553	47.273	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	139241	46.542	ug/l	97
94) Hexachlorobutadiene	15.023	225	75535	46.172	ug/l	99
95) Naphthalene	15.145	128	271331	48.517	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	114461	45.071	ug/l	97

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

