

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020019.D
 Acq On : 25 Oct 2024 12:16
 Operator : SY/MD
 Sample : VY1025SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Quant Time: Oct 26 01:03:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/28/2024
 Supervised By :Semsettin Yesilyurt 10/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	213940	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	381613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	326915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	155827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	140587	53.369	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.740%			
35) Dibromofluoromethane	7.634	113	131725	52.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.620%			
50) Toluene-d8	10.103	98	474310	51.004	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.000%			
62) 4-Bromofluorobenzene	12.408	95	170477	50.735	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 101.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	31238	15.685	ug/l	100
3) Chloromethane	2.074	50	45819	17.676	ug/l	100
4) Vinyl Chloride	2.202	62	51557	18.075	ug/l	96
5) Bromomethane	2.592	94	34948	19.357	ug/l	95
6) Chloroethane	2.739	64	37667	19.656	ug/l	99
7) Trichlorofluoromethane	3.062	101	81075	19.102	ug/l	99
8) Diethyl Ether	3.458	74	23912	18.537	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.812	101	47828	19.373	ug/l	91
10) Methyl Iodide	4.001	142	36615	14.664	ug/l #	90
11) Tert butyl alcohol	4.866	59	25020	107.210	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	39085	17.029	ug/l #	81
13) Acrolein	3.659	56	13481	69.647	ug/l	94
14) Allyl chloride	4.385	41	75570	18.249	ug/l #	87
15) Acrylonitrile	5.068	53	62896	106.599	ug/l	98
16) Acetone	3.873	43	81860	119.376	ug/l #	81
17) Carbon Disulfide	4.104	76	71647	11.646	ug/l	99
18) Methyl Acetate	4.385	43	28558	19.333	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	130474	19.787	ug/l	98
20) Methylene Chloride	4.616	84	52424	20.210	ug/l #	75
21) trans-1,2-Dichloroethene	5.122	96	43217	17.301	ug/l #	85
22) Diisopropyl ether	6.019	45	196112	21.741	ug/l #	89
23) Vinyl Acetate	5.964	43	525663	101.654	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	104427	20.827	ug/l	94
25) 2-Butanone	6.896	43	106582	116.118	ug/l #	80
26) 2,2-Dichloropropane	6.884	77	86050	19.270	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	59930	19.414	ug/l	81
28) Bromochloromethane	7.244	49	47708	21.617	ug/l #	68
29) Tetrahydrofuran	7.262	42	54152	103.327	ug/l #	79
30) Chloroform	7.421	83	110325	21.585	ug/l	100
31) Cyclohexane	7.701	56	77769	17.669	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	88942	19.856	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	66609	18.360	ug/l	93
37) Ethyl Acetate	6.988	43	38709	20.462	ug/l	97
38) Carbon Tetrachloride	7.817	117	74085	19.049	ug/l	99
39) Methylcyclohexane	9.109	83	74681	16.337	ug/l #	89
40) Benzene	8.085	78	210885	19.207	ug/l	98

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41) Methacrylonitrile	7.226	41	19964	19.499	ug/l	91
42) 1,2-Dichloroethane	8.158	62	64458	20.435	ug/l	94
43) Isopropyl Acetate	8.201	43	79218	20.533	ug/l #	76
44) Trichloroethene	8.866	130	48441	18.216	ug/l	86
45) 1,2-Dichloropropane	9.140	63	57878	21.061	ug/l	97
46) Dibromomethane	9.231	93	29327	19.532	ug/l #	88
47) Bromodichloromethane	9.420	83	84838	21.287	ug/l	96
48) Methyl methacrylate	9.219	41	33709	19.863	ug/l #	80
49) 1,4-Dioxane	9.231	88	6586	391.908	ug/l #	82
51) 4-Methyl-2-Pentanone	10.000	43	211206	107.328	ug/l	88
52) Toluene	10.170	92	132597	19.347	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	67912	18.939	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	81719	19.313	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	40562	20.504	ug/l	94
56) Ethyl methacrylate	10.438	69	54774	19.297	ug/l #	69
57) 1,3-Dichloropropane	10.713	76	70739	20.362	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	139133	105.290	ug/l	92
59) 2-Hexanone	10.762	43	156049	111.027	ug/l	84
60) Dibromochloromethane	10.908	129	49957	19.675	ug/l	98
61) 1,2-Dibromoethane	11.012	107	34923	19.536	ug/l	99
64) Tetrachloroethene	10.646	164	39714	17.079	ug/l #	87
65) Chlorobenzene	11.438	112	143854	19.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	49884	19.718	ug/l	99
67) Ethyl Benzene	11.518	91	261059	19.220	ug/l	96
68) m/p-Xylenes	11.627	106	188156	37.508	ug/l	89
69) o-Xylene	11.957	106	92012	19.090	ug/l	92
70) Styrene	11.969	104	159965	19.672	ug/l	96
71) Bromoform	12.133	173	26351	19.457	ug/l #	99
73) Isopropylbenzene	12.255	105	258145	19.695	ug/l	98
74) N-amyl acetate	12.072	43	68880	19.841	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	50511	21.688	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	34221m	11.210	ug/l	
77) Bromobenzene	12.536	156	51664	18.575	ug/l	81
78) n-propylbenzene	12.591	91	320842	20.258	ug/l	96
79) 2-Chlorotoluene	12.676	91	181875	20.031	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	205469	19.411	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	14223	18.807	ug/l #	80
82) 4-Chlorotoluene	12.773	91	185351	19.965	ug/l	93
83) tert-Butylbenzene	12.999	119	191594	20.205	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	203874	19.427	ug/l	96
85) sec-Butylbenzene	13.176	105	285900	20.179	ug/l	97
86) p-Isopropyltoluene	13.292	119	227819	19.802	ug/l	94
87) 1,3-Dichlorobenzene	13.286	146	108504	19.317	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	106935	19.379	ug/l	96
89) n-Butylbenzene	13.615	91	227822	20.280	ug/l	97
90) Hexachloroethane	13.877	117	44493	19.861	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	97473	19.750	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6908	18.585	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	49612	17.927	ug/l	99
94) Hexachlorobutadiene	15.023	225	29329	19.062	ug/l	97
95) Naphthalene	15.145	128	93709	17.954	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	41854	17.891	ug/l	97

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

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