

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019917.D
 Acq On : 16 Oct 2024 15:52
 Operator : SY/MD
 Sample : VY1016SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS03

Quant Time: Oct 17 01:54:36 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 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	197092	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	346384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	298551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	148220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139987	57.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.360%			
35) Dibromofluoromethane	7.634	113	126573	55.375	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.740%			
50) Toluene-d8	10.103	98	454528	53.848	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.700%			
62) 4-Bromofluorobenzene	12.402	95	163936	53.750	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 107.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	43744	23.842	ug/l	93
3) Chloromethane	2.068	50	54595	22.862	ug/l	94
4) Vinyl Chloride	2.208	62	62791	23.895	ug/l	99
5) Bromomethane	2.592	94	40363	24.267	ug/l	94
6) Chloroethane	2.732	64	43454	24.615	ug/l	99
7) Trichlorofluoromethane	3.062	101	99290	25.393	ug/l	98
8) Diethyl Ether	3.458	74	28045	23.599	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.818	101	59740	26.266	ug/l	90
10) Methyl Iodide	4.007	142	49242	21.407	ug/l	92
11) Tert butyl alcohol	4.866	59	24083	112.863	ug/l #	97
12) 1,1-Dichloroethene	3.793	96	48771	23.066	ug/l #	79
13) Acrolein	3.659	56	21068	118.147	ug/l	99
14) Allyl chloride	4.385	41	89543	23.471	ug/l #	89
15) Acrylonitrile	5.067	53	63177	116.229	ug/l	96
16) Acetone	3.873	43	75207	119.049	ug/l #	81
17) Carbon Disulfide	4.104	76	105534	18.621	ug/l	97
18) Methyl Acetate	4.391	43	29678	21.808	ug/l #	89
19) Methyl tert-butyl Ether	5.116	73	142943	23.532	ug/l	98
20) Methylene Chloride	4.616	84	62566	26.424	ug/l #	78
21) trans-1,2-Dichloroethene	5.116	96	52218	22.691	ug/l #	78
22) Diisopropyl ether	6.025	45	212897	25.620	ug/l #	92
23) Vinyl Acetate	5.964	43	567965	119.224	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	117021	25.333	ug/l	94
25) 2-Butanone	6.902	43	100628	119.003	ug/l #	79
26) 2,2-Dichloropropane	6.884	77	98925	24.047	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	68766	24.180	ug/l	84
28) Bromochloromethane	7.250	49	54521	26.816	ug/l #	72
29) Tetrahydrofuran	7.262	42	56982	118.021	ug/l #	79
30) Chloroform	7.421	83	121213	25.742	ug/l	95
31) Cyclohexane	7.701	56	93571	23.076	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	101717	24.649	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	80520	24.452	ug/l	93
37) Ethyl Acetate	6.994	43	39945	23.263	ug/l	96
38) Carbon Tetrachloride	7.823	117	87045	24.657	ug/l	97
39) Methylcyclohexane	9.109	83	96544	23.268	ug/l #	88
40) Benzene	8.079	78	243274	24.410	ug/l	98

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41) Methacrylonitrile	7.220	41	19247	20.710	ug/l	90
42) 1,2-Dichloroethane	8.158	62	70462	24.610	ug/l	96
43) Isopropyl Acetate	8.201	43	80259	22.919	ug/l #	79
44) Trichloroethene	8.866	130	56619	23.456	ug/l	90
45) 1,2-Dichloropropane	9.140	63	63147	25.315	ug/l	99
46) Dibromomethane	9.231	93	31973	23.460	ug/l	90
47) Bromodichloromethane	9.420	83	88265	24.400	ug/l	99
48) Methyl methacrylate	9.225	41	35936	23.329	ug/l #	79
49) 1,4-Dioxane	9.225	88	7501	491.753	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	208759	116.874	ug/l	89
52) Toluene	10.170	92	150664	24.219	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	74061	22.754	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	87903	22.888	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	43680	24.326	ug/l	93
56) Ethyl methacrylate	10.438	69	59907	23.251	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	76511	24.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	138922	115.823	ug/l	93
59) 2-Hexanone	10.762	43	150475	117.950	ug/l	86
60) Dibromochloromethane	10.908	129	53969	23.417	ug/l	100
61) 1,2-Dibromoethane	11.012	107	39246	24.187	ug/l	97
64) Tetrachloroethene	10.646	164	48644	22.907	ug/l	92
65) Chlorobenzene	11.438	112	164421	24.078	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	54927	23.774	ug/l	98
67) Ethyl Benzene	11.518	91	302257	24.367	ug/l	98
68) m/p-Xylenes	11.627	106	219041	47.813	ug/l	93
69) o-Xylene	11.950	106	106679	24.236	ug/l	94
70) Styrene	11.969	104	181052	24.380	ug/l	95
71) Bromoform	12.133	173	27916	22.571	ug/l #	97
73) Isopropylbenzene	12.255	105	290403	23.293	ug/l	98
74) N-amyl acetate	12.072	43	70435	21.331	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	50707	22.890	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	36436m	12.548	ug/l	
77) Bromobenzene	12.530	156	57710	21.813	ug/l	82
78) n-propylbenzene	12.590	91	363128	24.105	ug/l	96
79) 2-Chlorotoluene	12.676	91	201259	23.304	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	233679	23.209	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	15177	21.098	ug/l #	84
82) 4-Chlorotoluene	12.773	91	205600	23.283	ug/l	95
83) tert-Butylbenzene	12.993	119	219980	24.389	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	229604	23.001	ug/l	97
85) sec-Butylbenzene	13.176	105	329850	24.476	ug/l	97
86) p-Isopropyltoluene	13.292	119	261791	23.923	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	122747	22.975	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	120813	23.018	ug/l	97
89) n-Butylbenzene	13.615	91	258386	24.181	ug/l	98
90) Hexachloroethane	13.877	117	49196	23.088	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	106694	22.728	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.267	75	8034	22.724	ug/l	65
93) 1,2,4-Trichlorobenzene	14.919	180	58749	22.318	ug/l	98
94) Hexachlorobutadiene	15.023	225	34094	23.297	ug/l	95
95) Naphthalene	15.145	128	106648	21.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	50009	22.474	ug/l	98

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

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