

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019623.D
 Acq On : 19 Sep 2024 10:48
 Operator : SY/MD
 Sample : VY0919SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0919SBS01

Quant Time: Sep 20 04:40:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
 Supervised By :Semsettin Yesilyurt 09/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	339858	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	592183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	505223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	235216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	174226	55.362	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	110.720%	
35) Dibromofluoromethane	7.634	113	174337	51.924	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	103.840%	
50) Toluene-d8	10.109	98	631920	50.884	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	101.760%	
62) 4-Bromofluorobenzene	12.408	95	227800	47.705	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	95.420%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	48313	23.869	ug/l	94
3) Chloromethane	2.068	50	64219	22.839	ug/l	100
4) Vinyl Chloride	2.208	62	73439	24.154	ug/l	100
5) Bromomethane	2.592	94	50390	26.981	ug/l	98
6) Chloroethane	2.739	64	48114	24.206	ug/l	99
7) Trichlorofluoromethane	3.056	101	119142	23.507	ug/l	98
8) Diethyl Ether	3.458	74	36724	21.586	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.818	101	71061	22.664	ug/l	95
10) Methyl Iodide	4.001	142	73523	18.290	ug/l	94
11) Tert butyl alcohol	4.866	59	34855	137.146	ug/l #	82
12) 1,1-Dichloroethene	3.787	96	63145	20.942	ug/l	85
13) Acrolein	3.653	56	18061	141.393	ug/l	98
14) Allyl chloride	4.385	41	106690	19.731	ug/l #	93
15) Acrylonitrile	5.055	53	81406	110.971	ug/l	98
16) Acetone	3.867	43	95976	128.014	ug/l #	83
17) Carbon Disulfide	4.104	76	147716	18.132	ug/l #	95
18) Methyl Acetate	4.385	43	36942	18.157	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	187923	22.005	ug/l	100
20) Methylene Chloride	4.610	84	74247	21.715	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	68006	20.577	ug/l	90
22) Diisopropyl ether	6.012	45	239929	21.607	ug/l #	92
23) Vinyl Acetate	5.958	43	704045	111.004	ug/l #	93
24) 1,1-Dichloroethane	5.909	63	137536	22.073	ug/l	99
25) 2-Butanone	6.890	43	130417	122.307	ug/l #	87
26) 2,2-Dichloropropane	6.878	77	129481	23.037	ug/l	95
27) cis-1,2-Dichloroethene	6.884	96	86657	21.585	ug/l	86
28) Bromochloromethane	7.244	49	55374	21.122	ug/l	82
29) Tetrahydrofuran	7.262	42	69031	106.475	ug/l	87
30) Chloroform	7.421	83	144281	22.683	ug/l	98
31) Cyclohexane	7.701	56	113913	20.226	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	126843	22.248	ug/l	97
36) 1,1-Dichloropropene	7.835	75	96422	21.105	ug/l	98
37) Ethyl Acetate	6.982	43	50421	21.539	ug/l	95
38) Carbon Tetrachloride	7.817	117	111143	21.573	ug/l	97
39) Methylcyclohexane	9.109	83	124184	20.425	ug/l	92
40) Benzene	8.079	78	294231	20.909	ug/l	100

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41) Methacrylonitrile	7.213	41	27522	20.169	ug/l	87
42) 1,2-Dichloroethane	8.152	62	83286	21.995	ug/l	96
43) Isopropyl Acetate	8.195	43	103619	21.069	ug/l #	80
44) Trichloroethene	8.866	130	75046	20.737	ug/l	93
45) 1,2-Dichloropropane	9.140	63	73609	21.397	ug/l	95
46) Dibromomethane	9.231	93	41315	21.961	ug/l	93
47) Bromodichloromethane	9.427	83	111241	21.997	ug/l	97
48) Methyl methacrylate	9.219	41	45318	19.513	ug/l	87
49) 1,4-Dioxane	9.231	88	9148	413.063	ug/l #	80
51) 4-Methyl-2-Pentanone	10.000	43	265005	107.107	ug/l	91
52) Toluene	10.170	92	192154	21.232	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	99588	20.659	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	114339	20.369	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	57582	22.164	ug/l	97
56) Ethyl methacrylate	10.438	69	80801	20.474	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	97093	21.742	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	189335	103.367	ug/l	97
59) 2-Hexanone	10.762	43	200945	110.779	ug/l	89
60) Dibromochloromethane	10.914	129	73299	21.329	ug/l	97
61) 1,2-Dibromoethane	11.018	107	51870	21.428	ug/l	98
64) Tetrachloroethene	10.646	164	63232	20.211	ug/l	94
65) Chlorobenzene	11.444	112	210765	21.208	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	72321	21.018	ug/l	99
67) Ethyl Benzene	11.518	91	377624	21.385	ug/l	100
68) m/p-Xylenes	11.627	106	282122	42.253	ug/l	94
69) o-Xylene	11.957	106	137167	21.006	ug/l	95
70) Styrene	11.969	104	232280	21.069	ug/l	97
71) Bromoform	12.133	173	39892	20.298	ug/l #	97
73) Isopropylbenzene	12.255	105	369486	21.653	ug/l	99
74) N-ethyl acetate	12.072	43	94687	20.403	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	65963	21.778	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	43485m	19.724	ug/l	
77) Bromobenzene	12.536	156	76653	20.254	ug/l	86
78) n-propylbenzene	12.597	91	445778	22.040	ug/l	99
79) 2-Chlorotoluene	12.682	91	251222	21.313	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	297983	21.480	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	21655	18.856	ug/l	91
82) 4-Chlorotoluene	12.780	91	261372	21.569	ug/l	96
83) tert-Butylbenzene	12.999	119	277444	22.092	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	296700	21.607	ug/l	98
85) sec-Butylbenzene	13.176	105	408644	22.398	ug/l	99
86) p-Isopropyltoluene	13.292	119	327363	21.931	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	159339	21.667	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	156924	21.502	ug/l	96
89) n-Butylbenzene	13.621	91	320766	22.479	ug/l	99
90) Hexachloroethane	13.883	117	65906	21.220	ug/l	92
91) 1,2-Dichlorobenzene	13.664	146	141542	21.569	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10416	20.634	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	77191	19.340	ug/l	97
94) Hexachlorobutadiene	15.023	225	43747	20.517	ug/l	96
95) Naphthalene	15.145	128	145246	18.172	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	64291	18.831	ug/l	97

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

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