

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019461.D
 Acq On : 09 Sep 2024 13:05
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY090924

Quant Time: Sep 10 01:47:11 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 09/10/2024
 Supervised By :Semsettin Yesilyurt 09/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	669406	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	1126255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	959646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	455056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	313377	50.557	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.120%			
35) Dibromofluoromethane	7.634	113	325982	51.049	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.100%			
50) Toluene-d8	10.109	98	1213541	51.380	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.407	95	443783	48.866	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 97.740%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	177890	48.497	ug/l	97
3) Chloromethane	2.074	50	262788	47.448	ug/l	97
4) Vinyl Chloride	2.208	62	299139	49.950	ug/l	99
5) Bromomethane	2.604	94	186852	50.794	ug/l	100
6) Chloroethane	2.738	64	198849	50.792	ug/l	99
7) Trichlorofluoromethane	3.067	101	496410	49.726	ug/l	97
8) Diethyl Ether	3.458	74	161192	48.102	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.823	101	304093	49.241	ug/l	97
10) Methyl Iodide	4.006	142	396900	50.128	ug/l	95
11) Tert butyl alcohol	4.866	59	112149	224.037	ug/l	98
12) 1,1-Dichloroethene	3.793	96	293602	49.435	ug/l	89
13) Acrolein	3.659	56	53635	220.895	ug/l	96
14) Allyl chloride	4.384	41	524263	49.224	ug/l #	91
15) Acrylonitrile	5.055	53	343115	237.467	ug/l	100
16) Acetone	3.872	43	364933	247.125	ug/l #	86
17) Carbon Disulfide	4.110	76	836902	52.155	ug/l	98
18) Methyl Acetate	4.384	43	181404	45.266	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	799805	47.548	ug/l	100
20) Methylene Chloride	4.616	84	316089	46.936	ug/l #	86
21) trans-1,2-Dichloroethene	5.116	96	324115	49.789	ug/l	88
22) Diisopropyl ether	6.018	45	1057937	48.371	ug/l	94
23) Vinyl Acetate	5.957	43	3049974	244.143	ug/l #	93
24) 1,1-Dichloroethane	5.915	63	602439	49.087	ug/l	98
25) 2-Butanone	6.890	43	503179	239.579	ug/l #	87
26) 2,2-Dichloropropane	6.884	77	554822	50.117	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	391977	49.570	ug/l	90
28) Bromochloromethane	7.244	49	262095	50.756	ug/l	86
29) Tetrahydrofuran	7.262	42	297442	232.924	ug/l	87
30) Chloroform	7.420	83	614364	49.037	ug/l	99
31) Cyclohexane	7.701	56	530851	47.853	ug/l	93
32) 1,1,1-Trichloroethane	7.615	97	561015	49.958	ug/l	97
36) 1,1-Dichloropropene	7.835	75	442679	50.947	ug/l	97
37) Ethyl Acetate	6.981	43	215190	48.335	ug/l	96
38) Carbon Tetrachloride	7.817	117	493229	50.337	ug/l	99
39) Methylcyclohexane	9.109	83	584329	50.533	ug/l	91
40) Benzene	8.079	78	1334173	49.852	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	114413	44.086	ug/l	90
42) 1,2-Dichloroethane	8.158	62	358158	49.734	ug/l	97
43) Isopropyl Acetate	8.195	43	445561	47.636	ug/l	91
44) Trichloroethene	8.865	130	348574	50.644	ug/l	97
45) 1,2-Dichloropropane	9.140	63	321769	49.179	ug/l	99
46) Dibromomethane	9.231	93	175785	49.130	ug/l	98
47) Bromodichloromethane	9.426	83	472974	49.177	ug/l	98
48) Methyl methacrylate	9.219	41	211714	47.932	ug/l #	85
49) 1,4-Dioxane	9.231	88	38906	923.689	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	1109510	235.784	ug/l	92
52) Toluene	10.170	92	860746	50.008	ug/l	98
53) t-1,3-Dichloropropene	10.395	75	445283	48.568	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	525049	49.182	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	239048	48.381	ug/l	98
56) Ethyl methacrylate	10.438	69	359884	47.948	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	408643	48.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	863557	247.891	ug/l	98
59) 2-Hexanone	10.761	43	820311	237.782	ug/l	90
60) Dibromochloromethane	10.914	129	318573	48.741	ug/l	100
61) 1,2-Dibromoethane	11.017	107	213408	46.355	ug/l	100
64) Tetrachloroethene	10.645	164	294936	49.631	ug/l	93
65) Chlorobenzene	11.444	112	939640	49.777	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	319207	48.840	ug/l	99
67) Ethyl Benzene	11.523	91	1669355	49.771	ug/l	98
68) m/p-Xylenes	11.633	106	1269209	100.075	ug/l	95
69) o-Xylene	11.956	106	610122	49.191	ug/l	95
70) Styrene	11.968	104	1036560	49.499	ug/l	96
71) Bromoform	12.133	173	177914	47.659	ug/l #	98
73) Isopropylbenzene	12.255	105	1618874	49.038	ug/l	100
74) N-amyl acetate	12.072	43	430506	47.949	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.511	83	273569	46.687	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	218207m	51.160	ug/l	
77) Bromobenzene	12.535	156	354665	48.440	ug/l	91
78) n-propylbenzene	12.596	91	1945757	49.726	ug/l	100
79) 2-Chlorotoluene	12.682	91	1117908	49.023	ug/l	96
80) 1,3,5-Trimethylbenzene	12.736	105	1324899	49.366	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	101376	45.628	ug/l	97
82) 4-Chlorotoluene	12.779	91	1141532	48.692	ug/l	97
83) tert-Butylbenzene	12.999	119	1196025	49.226	ug/l	95
84) 1,2,4-Trimethylbenzene	13.047	105	1300597	48.957	ug/l	98
85) sec-Butylbenzene	13.175	105	1755325	49.732	ug/l	100
86) p-Isopropyltoluene	13.291	119	1439825	49.859	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	701584	49.313	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	690036	48.871	ug/l	97
89) n-Butylbenzene	13.620	91	1380884	50.019	ug/l	99
90) Hexachloroethane	13.883	117	291680	48.543	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	616708	48.576	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	43729	44.778	ug/l	86
93) 1,2,4-Trichlorobenzene	14.919	180	375954	48.688	ug/l	97
94) Hexachlorobutadiene	15.023	225	200795	48.677	ug/l	99
95) Naphthalene	15.145	128	721934	46.687	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	319422	48.362	ug/l	98

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

