

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019778.D
 Acq On : 03 Oct 2024 11:01
 Operator : SY/MD
 Sample : VY1003SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1003SBS01

Quant Time: Oct 04 01:22:49 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 10/04/2024
 Supervised By :Semsettin Yesilyurt 10/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	265491	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	467884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	391562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	181129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148068	60.230	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	120.460%	
35) Dibromofluoromethane	7.634	113	151062	56.944	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	113.880%	
50) Toluene-d8	10.103	98	545411	55.585	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	111.180%	
62) 4-Bromofluorobenzene	12.401	95	198123	52.513	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	105.020%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	32963	20.282	ug/l	96
3) Chloromethane	2.074	50	37698	17.162	ug/l	100
4) Vinyl Chloride	2.208	62	44743	18.838	ug/l	99
5) Bromomethane	2.598	94	31592	21.654	ug/l	99
6) Chloroethane	2.738	64	32637	21.019	ug/l	96
7) Trichlorofluoromethane	3.062	101	81559	20.599	ug/l	98
8) Diethyl Ether	3.464	74	26101	19.639	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.818	101	52406	21.396	ug/l	94
10) Methyl Iodide	4.007	142	46109	14.683	ug/l	91
11) Tert butyl alcohol	4.872	59	24640	124.109	ug/l #	84
12) 1,1-Dichloroethene	3.793	96	43623	18.520	ug/l	86
13) Acrolein	3.665	56	8446	78.541	ug/l	95
14) Allyl chloride	4.391	41	80441	19.043	ug/l #	92
15) Acrylonitrile	5.067	53	59212	103.327	ug/l	98
16) Acetone	3.872	43	74433	127.089	ug/l #	81
17) Carbon Disulfide	4.110	76	75134	11.806	ug/l	97
18) Methyl Acetate	4.391	43	28668	18.037	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	140929	21.125	ug/l	99
20) Methylene Chloride	4.622	84	53273	19.945	ug/l	90
21) trans-1,2-Dichloroethene	5.122	96	47588	18.432	ug/l	93
22) Diisopropyl ether	6.018	45	193614	22.321	ug/l	89
23) Vinyl Acetate	5.964	43	505388	102.003	ug/l	93
24) 1,1-Dichloroethane	5.915	63	106291	21.837	ug/l	95
25) 2-Butanone	6.890	43	93526	112.279	ug/l #	82
26) 2,2-Dichloropropane	6.884	77	98832	22.510	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	65631	20.927	ug/l	86
28) Bromochloromethane	7.244	49	43248	21.117	ug/l #	81
29) Tetrahydrofuran	7.262	42	48967	96.684	ug/l #	85
30) Chloroform	7.421	83	113342	22.810	ug/l	97
31) Cyclohexane	7.701	56	76341	17.351	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	97967	21.996	ug/l	96
36) 1,1-Dichloropropene	7.841	75	68482	18.972	ug/l	94
37) Ethyl Acetate	6.988	43	36337	19.647	ug/l	97
38) Carbon Tetrachloride	7.817	117	80948	19.886	ug/l	96
39) Methylcyclohexane	9.109	83	81244	16.913	ug/l	90
40) Benzene	8.085	78	223076	20.064	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	23957	22.221	ug/l #	80
42) 1,2-Dichloroethane	8.158	62	64404	21.527	ug/l	94
43) Isopropyl Acetate	8.195	43	73733	18.975	ug/l #	91
44) Trichloroethene	8.865	130	55251	19.323	ug/l	95
45) 1,2-Dichloropropane	9.140	63	57553	21.174	ug/l	96
46) Dibromomethane	9.225	93	30205	20.321	ug/l	93
47) Bromodichloromethane	9.426	83	87237	21.834	ug/l	99
48) Methyl methacrylate	9.219	41	33155	18.069	ug/l	83
49) 1,4-Dioxane	9.231	88	6951	397.242	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	189493	96.934	ug/l	90
52) Toluene	10.170	92	140908	19.706	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	75078	19.712	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	86327	19.465	ug/l #	86
55) 1,1,2-Trichloroethane	10.572	97	43850	21.363	ug/l	96
56) Ethyl methacrylate	10.438	69	57132	18.323	ug/l #	79
57) 1,3-Dichloropropane	10.713	76	73186	20.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	140033	96.761	ug/l	98
59) 2-Hexanone	10.761	43	140882	98.300	ug/l	87
60) Dibromochloromethane	10.908	129	55979	20.616	ug/l	100
61) 1,2-Dibromoethane	11.011	107	36748	19.214	ug/l	99
64) Tetrachloroethene	10.646	164	45528	18.776	ug/l	90
65) Chlorobenzene	11.438	112	162168	21.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	56357	21.133	ug/l	99
67) Ethyl Benzene	11.517	91	283781	20.736	ug/l	99
68) m/p-Xylenes	11.627	106	208804	40.350	ug/l	92
69) o-Xylene	11.950	106	104267	20.603	ug/l	94
70) Styrene	11.969	104	174601	20.434	ug/l	96
71) Bromoform	12.133	173	29045	19.069	ug/l #	97
73) Isopropylbenzene	12.249	105	289986	22.068	ug/l	98
74) N-amyl acetate	12.066	43	66740	18.675	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	50094	21.478	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	33844m	19.935	ug/l	
77) Bromobenzene	12.529	156	59812	20.523	ug/l	88
78) n-propylbenzene	12.590	91	340804	21.882	ug/l	98
79) 2-Chlorotoluene	12.676	91	201005	22.145	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	229954	21.526	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	15208	17.197	ug/l #	85
82) 4-Chlorotoluene	12.773	91	197223	21.135	ug/l	96
83) tert-Butylbenzene	12.993	119	211207	21.840	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	230554	21.803	ug/l	97
85) sec-Butylbenzene	13.176	105	317013	22.565	ug/l	99
86) p-Isopropyltoluene	13.285	119	255470	22.226	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	122999	21.720	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	121895	21.689	ug/l	97
89) n-Butylbenzene	13.615	91	242336	22.053	ug/l	99
90) Hexachloroethane	13.877	117	50076	20.938	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	109156	21.600	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	7679	19.755	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	59215	19.266	ug/l	98
94) Hexachlorobutadiene	15.017	225	33649	20.494	ug/l	98
95) Naphthalene	15.139	128	105678	17.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	49449	18.809	ug/l	97

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

