

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100324\
 Data File : VY019779.D
 Acq On : 03 Oct 2024 11:29
 Operator : SY/MD
 Sample : VY1003SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1003SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/04/2024
 Supervised By :Semsettin Yesilyurt 10/04/2024

Quant Time: Oct 04 01:23:57 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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	283285	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	496388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	414953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	150194	57.257	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	114.520%		
35) Dibromofluoromethane	7.634	113	145400	51.662	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.320%		
50) Toluene-d8	10.103	98	521608	50.107	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.220%		
62) 4-Bromofluorobenzene	12.401	95	192215	48.021	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	96.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	35286	20.362	ug/l	97
3) Chloromethane	2.068	50	42190	18.001	ug/l	97
4) Vinyl Chloride	2.202	62	49566	19.557	ug/l	99
5) Bromomethane	2.598	94	36191	23.248	ug/l	92
6) Chloroethane	2.732	64	37206	22.457	ug/l	97
7) Trichlorofluoromethane	3.055	101	89893	21.278	ug/l	100
8) Diethyl Ether	3.458	74	29696	20.940	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.818	101	56402	21.582	ug/l	94
10) Methyl Iodide	4.007	142	51804	15.461	ug/l	93
11) Tert butyl alcohol	4.884	59	32032	151.208	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	46720	18.589	ug/l	87
13) Acrolein	3.659	56	9354	82.097	ug/l	98
14) Allyl chloride	4.384	41	85625	18.997	ug/l #	93
15) Acrylonitrile	5.067	53	72079	117.879	ug/l	96
16) Acetone	3.885	43	87174	139.494	ug/l #	86
17) Carbon Disulfide	4.110	76	78899	11.619	ug/l #	93
18) Methyl Acetate	4.391	43	36240	21.369	ug/l #	87
19) Methyl tert-butyl Ether	5.116	73	162606	22.843	ug/l	100
20) Methylene Chloride	4.616	84	62142	21.804	ug/l	88
21) trans-1,2-Dichloroethene	5.116	96	49224	17.868	ug/l #	82
22) Diisopropyl ether	6.024	45	211473	22.848	ug/l	92
23) Vinyl Acetate	5.963	43	600194	113.529	ug/l	94
24) 1,1-Dichloroethane	5.915	63	114454	22.037	ug/l	97
25) 2-Butanone	6.896	43	116112	130.638	ug/l #	85
26) 2,2-Dichloropropane	6.884	77	105161	22.447	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	71421	21.343	ug/l	87
28) Bromochloromethane	7.250	49	40549	18.556	ug/l #	81
29) Tetrahydrofuran	7.268	42	61983	114.697	ug/l #	84
30) Chloroform	7.421	83	123514	23.296	ug/l	98
31) Cyclohexane	7.701	56	82202	17.510	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	104665	22.024	ug/l	96
36) 1,1-Dichloropropene	7.835	75	71076	18.559	ug/l	96
37) Ethyl Acetate	6.988	43	44851	22.857	ug/l	97
38) Carbon Tetrachloride	7.817	117	85825	19.873	ug/l	99
39) Methylcyclohexane	9.109	83	86343	16.942	ug/l	92
40) Benzene	8.079	78	235067	19.929	ug/l	100

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41) Methacrylonitrile	7.219	41	24808	21.689	ug/l	88
42) 1,2-Dichloroethane	8.158	62	72679	22.898	ug/l	95
43) Isopropyl Acetate	8.201	43	92632	22.470	ug/l #	89
44) Trichloroethene	8.865	130	57971	19.110	ug/l	90
45) 1,2-Dichloropropane	9.140	63	62122	21.543	ug/l	99
46) Dibromomethane	9.231	93	34077	21.609	ug/l	93
47) Bromodichloromethane	9.426	83	96208	22.696	ug/l	99
48) Methyl methacrylate	9.225	41	40410	20.758	ug/l	84
49) 1,4-Dioxane	9.237	88	8081	435.301	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	237007	114.277	ug/l	92
52) Toluene	10.170	92	152993	20.167	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	82800	20.491	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	97025	20.621	ug/l #	90
55) 1,1,2-Trichloroethane	10.566	97	50901	23.374	ug/l	98
56) Ethyl methacrylate	10.438	69	70470	21.302	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	84460	22.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	148472	96.701	ug/l	95
59) 2-Hexanone	10.761	43	177128	116.494	ug/l	88
60) Dibromochloromethane	10.908	129	65063	22.586	ug/l	97
61) 1,2-Dibromoethane	11.011	107	43331	21.355	ug/l	98
64) Tetrachloroethene	10.646	164	49215	19.153	ug/l	94
65) Chlorobenzene	11.438	112	172906	21.183	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	63814	22.580	ug/l	98
67) Ethyl Benzene	11.517	91	308951	21.302	ug/l	99
68) m/p-Xylenes	11.627	106	223130	40.688	ug/l	90
69) o-Xylene	11.950	106	112176	20.916	ug/l	92
70) Styrene	11.968	104	194132	21.439	ug/l	95
71) Bromoform	12.127	173	35072	21.728	ug/l #	98
73) Isopropylbenzene	12.249	105	309200	21.704	ug/l	98
74) N-amyl acetate	12.066	43	85445	22.053	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	60167	23.794	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	39571m	21.499	ug/l	
77) Bromobenzene	12.529	156	67180	21.262	ug/l	88
78) n-propylbenzene	12.590	91	371218	21.984	ug/l	98
79) 2-Chlorotoluene	12.676	91	213042	21.649	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	248984	21.498	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	18404	19.195	ug/l #	86
82) 4-Chlorotoluene	12.773	91	219055	21.652	ug/l	96
83) tert-Butylbenzene	12.993	119	230306	21.966	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	249045	21.724	ug/l	97
85) sec-Butylbenzene	13.169	105	339297	22.276	ug/l	99
86) p-Isopropyltoluene	13.285	119	276623	22.197	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	135514	22.072	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	135536	22.244	ug/l	96
89) n-Butylbenzene	13.615	91	265079	22.250	ug/l	99
90) Hexachloroethane	13.877	117	54925	21.182	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	123234	22.493	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9621	22.829	ug/l	75
93) 1,2,4-Trichlorobenzene	14.913	180	68274	20.489	ug/l	97
94) Hexachlorobutadiene	15.017	225	37521	21.078	ug/l	95
95) Naphthalene	15.139	128	134996	20.230	ug/l	98
96) 1,2,3-Trichlorobenzene	15.322	180	59614	20.915	ug/l	97

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

