

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100424\
 Data File : VY019794.D
 Acq On : 04 Oct 2024 12:48
 Operator : SY/MD
 Sample : VY1004SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1004SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/07/2024
 Supervised By :Semsettin Yesilyurt 10/07/2024

Quant Time: Oct 04 23:29:03 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	7.713	168	271038	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	469201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	394094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	187692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	138905	55.346	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.700%			
35) Dibromofluoromethane	7.634	113	137406	51.651	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.300%			
50) Toluene-d8	10.103	98	481561	48.940	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.880%			
62) 4-Bromofluorobenzene	12.402	95	176667	46.694	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 93.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	30178	17.728	ug/l	97
3) Chloromethane	2.068	50	34945	15.583	ug/l	98
4) Vinyl Chloride	2.208	62	41798	17.238	ug/l	97
5) Bromomethane	2.592	94	30399	20.410	ug/l	98
6) Chloroethane	2.733	64	31381	19.797	ug/l	97
7) Trichlorofluoromethane	3.062	101	77695	19.222	ug/l	98
8) Diethyl Ether	3.452	74	26100	19.236	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.818	101	50491	20.193	ug/l	96
10) Methyl Iodide	4.007	142	45354	14.147	ug/l	93
11) Tert butyl alcohol	4.866	59	27378	135.078	ug/l #	84
12) 1,1-Dichloroethene	3.793	96	41382	17.209	ug/l	89
13) Acrolein	3.659	56	9475	87.809	ug/l	96
14) Allyl chloride	4.385	41	76353	17.706	ug/l #	92
15) Acrylonitrile	5.068	53	66555	113.763	ug/l	97
16) Acetone	3.879	43	93141	155.777	ug/l #	81
17) Carbon Disulfide	4.110	76	66033	10.163	ug/l	97
18) Methyl Acetate	4.385	43	34381	21.189	ug/l	92
19) Methyl tert-butyl Ether	5.122	73	148436	21.795	ug/l	99
20) Methylene Chloride	4.622	84	59588	21.853	ug/l	89
21) trans-1,2-Dichloroethene	5.116	96	44000	16.693	ug/l	88
22) Diisopropyl ether	6.019	45	193484	21.849	ug/l	91
23) Vinyl Acetate	5.964	43	538168	106.396	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	103895	20.908	ug/l	96
25) 2-Butanone	6.896	43	113984	134.039	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	94416	21.064	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	64177	20.045	ug/l	87
28) Bromochloromethane	7.244	49	43157	20.641	ug/l #	78
29) Tetrahydrofuran	7.268	42	56531	109.335	ug/l	87
30) Chloroform	7.421	83	113560	22.386	ug/l	97
31) Cyclohexane	7.701	56	71889	16.005	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	93588	20.583	ug/l	94
36) 1,1-Dichloropropene	7.835	75	66654	18.413	ug/l	97
37) Ethyl Acetate	6.982	43	41217	22.223	ug/l	98
38) Carbon Tetrachloride	7.823	117	77866	19.075	ug/l	96
39) Methylcyclohexane	9.109	83	75157	15.602	ug/l	91
40) Benzene	8.079	78	210256	18.858	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	23066	21.334	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	63778	21.258	ug/l	96
43) Isopropyl Acetate	8.201	43	86214	22.125	ug/l #	88
44) Trichloroethene	8.866	130	52488	18.305	ug/l	91
45) 1,2-Dichloropropane	9.140	63	56394	20.689	ug/l	99
46) Dibromomethane	9.231	93	31005	20.801	ug/l	93
47) Bromodichloromethane	9.427	83	86195	21.512	ug/l	98
48) Methyl methacrylate	9.219	41	37160	20.194	ug/l	83
49) 1,4-Dioxane	9.225	88	7447	424.393	ug/l #	76
51) 4-Methyl-2-Pentanone	10.000	43	222429	113.462	ug/l	91
52) Toluene	10.170	92	136453	19.029	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	75189	19.685	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	87618	19.700	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	44758	21.744	ug/l	94
56) Ethyl methacrylate	10.439	69	63510	20.311	ug/l #	77
57) 1,3-Dichloropropane	10.713	76	76119	21.513	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	157502	108.526	ug/l	97
59) 2-Hexanone	10.756	43	174044	121.098	ug/l	89
60) Dibromochloromethane	10.908	129	57794	21.225	ug/l	97
61) 1,2-Dibromoethane	11.012	107	39600	20.647	ug/l	97
64) Tetrachloroethene	10.646	164	44613	18.281	ug/l	96
65) Chlorobenzene	11.438	112	159591	20.587	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	56405	21.015	ug/l	99
67) Ethyl Benzene	11.518	91	281664	20.449	ug/l	98
68) m/p-Xylenes	11.627	106	204180	39.203	ug/l	93
69) o-Xylene	11.950	106	101291	19.886	ug/l	92
70) Styrene	11.969	104	172377	20.044	ug/l	95
71) Bromoform	12.127	173	30571	19.942	ug/l #	100
73) Isopropylbenzene	12.249	105	278512	20.454	ug/l	99
74) N-amyl acetate	12.066	43	78453	21.185	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	54490	22.546	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	35580m	20.225	ug/l	
77) Bromobenzene	12.530	156	60627	20.076	ug/l	87
78) n-propylbenzene	12.591	91	336258	20.835	ug/l	98
79) 2-Chlorotoluene	12.676	91	193491	20.572	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	226522	20.463	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	17094	18.653	ug/l #	86
82) 4-Chlorotoluene	12.773	91	200625	20.748	ug/l	95
83) tert-Butylbenzene	12.993	119	210138	20.969	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	224792	20.515	ug/l	97
85) sec-Butylbenzene	13.170	105	311671	21.409	ug/l	98
86) p-Isopropyltoluene	13.286	119	254475	21.365	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	122717	20.912	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	121578	20.876	ug/l	96
89) n-Butylbenzene	13.615	91	242083	21.260	ug/l	99
90) Hexachloroethane	13.877	117	50557	20.400	ug/l	89
91) 1,2-Dichlorobenzene	13.651	146	111862	21.362	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8630	21.425	ug/l	76
93) 1,2,4-Trichlorobenzene	14.913	180	62539	19.636	ug/l	98
94) Hexachlorobutadiene	15.017	225	36241	21.300	ug/l	98
95) Naphthalene	15.139	128	123330	19.337	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	53583	19.669	ug/l	98

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

