

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019864.D
 Acq On : 11 Oct 2024 11:14
 Operator : SY/MD
 Sample : VY1011SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1011SBS01

Quant Time: Oct 14 01:42:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	341955	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	599010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	509876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	243672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	205582	48.826	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.660%		
35) Dibromofluoromethane	7.640	113	192765	48.767	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.540%		
50) Toluene-d8	10.109	98	712692	48.824	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.640%		
62) 4-Bromofluorobenzene	12.407	95	250347	47.465	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	94.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.866	85	59996	18.847	ug/l	95
3) Chloromethane	2.074	50	82854	19.998	ug/l	98
4) Vinyl Chloride	2.208	62	87501	19.192	ug/l	100
5) Bromomethane	2.598	94	57393	19.888	ug/l	92
6) Chloroethane	2.738	64	59461	19.413	ug/l	98
7) Trichlorofluoromethane	3.061	101	133775	19.719	ug/l	97
8) Diethyl Ether	3.458	74	39750	19.279	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.823	101	78836	19.978	ug/l	92
10) Methyl Iodide	4.006	142	72418	18.145	ug/l	92
11) Tert butyl alcohol	4.872	59	35663	90.411	ug/l #	88
12) 1,1-Dichloroethene	3.793	96	70528	19.225	ug/l #	82
13) Acrolein	3.659	56	30902	99.882	ug/l	95
14) Allyl chloride	4.384	41	129079	19.501	ug/l #	91
15) Acrylonitrile	5.061	53	93608	99.259	ug/l	98
16) Acetone	3.878	43	112128	102.301	ug/l #	83
17) Carbon Disulfide	4.110	76	173127	17.607	ug/l	99
18) Methyl Acetate	4.390	43	46381	19.644	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	203014	19.263	ug/l	96
20) Methylene Chloride	4.628	84	85035	20.522	ug/l	87
21) trans-1,2-Dichloroethene	5.116	96	75459	18.899	ug/l	89
22) Diisopropyl ether	6.024	45	293657	20.368	ug/l #	91
23) Vinyl Acetate	5.963	43	672444m	81.357	ug/l	
24) 1,1-Dichloroethane	5.921	63	158522	19.780	ug/l	98
25) 2-Butanone	6.896	43	147130	100.286	ug/l #	86
26) 2,2-Dichloropropane	6.890	77	138113	19.351	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	94279	19.107	ug/l	82
28) Bromochloromethane	7.250	49	70205	19.902	ug/l #	75
29) Tetrahydrofuran	7.268	42	80566	96.177	ug/l #	82
30) Chloroform	7.420	83	166676	20.402	ug/l	99
31) Cyclohexane	7.707	56	130208	18.508	ug/l	90
32) 1,1,1-Trichloroethane	7.621	97	141292	19.734	ug/l	93
36) 1,1-Dichloropropene	7.841	75	110451	19.395	ug/l	95
37) Ethyl Acetate	6.987	43	58975	19.861	ug/l	96
38) Carbon Tetrachloride	7.823	117	120107	19.674	ug/l	98
39) Methylcyclohexane	9.109	83	132275	18.435	ug/l #	88
40) Benzene	8.085	78	338687	19.652	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	31540m	19.625	ug/l	
42) 1,2-Dichloroethane	8.158	62	96341	19.458	ug/l	95
43) Isopropyl Acetate	8.195	43	118097	19.501	ug/l #	89
44) Trichloroethene	8.865	130	80408	19.263	ug/l	88
45) 1,2-Dichloropropane	9.146	63	85381	19.793	ug/l	98
46) Dibromomethane	9.237	93	45450	19.284	ug/l	91
47) Bromodichloromethane	9.426	83	125506	20.062	ug/l	99
48) Methyl methacrylate	9.225	41	53634	20.134	ug/l #	80
49) 1,4-Dioxane	9.237	88	10291	390.130	ug/l #	85
51) 4-Methyl-2-Pentanone	9.999	43	304108	98.452	ug/l	89
52) Toluene	10.170	92	212354	19.739	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	104951	18.646	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	127677	19.224	ug/l #	86
55) 1,1,2-Trichloroethane	10.572	97	62454	20.113	ug/l	97
56) Ethyl methacrylate	10.438	69	84591	18.985	ug/l #	75
57) 1,3-Dichloropropane	10.718	76	106758	19.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	204239	98.466	ug/l	94
59) 2-Hexanone	10.761	43	223542	101.325	ug/l	86
60) Dibromochloromethane	10.914	129	75521	18.949	ug/l	99
61) 1,2-Dibromoethane	11.017	107	54837	19.543	ug/l	99
64) Tetrachloroethene	10.645	164	69125	19.060	ug/l	96
65) Chlorobenzene	11.444	112	226696	19.439	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	76486	19.385	ug/l	99
67) Ethyl Benzene	11.517	91	419638	19.809	ug/l	97
68) m/p-Xylenes	11.627	106	301046	38.478	ug/l	89
69) o-Xylene	11.956	106	145233	19.320	ug/l	90
70) Styrene	11.968	104	250829	19.777	ug/l	96
71) Bromoform	12.133	173	39954	18.915	ug/l #	97
73) Isopropylbenzene	12.255	105	401772	19.602	ug/l	98
74) N-amyl acetate	12.072	43	104240	19.202	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	72992	20.042	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	51668m	10.824	ug/l	
77) Bromobenzene	12.529	156	84406	19.407	ug/l	84
78) n-propylbenzene	12.596	91	491570	19.849	ug/l	97
79) 2-Chlorotoluene	12.675	91	278185	19.593	ug/l	94
80) 1,3,5-Trimethylbenzene	12.736	105	324563	19.608	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	22475	19.004	ug/l #	82
82) 4-Chlorotoluene	12.779	91	287209	19.784	ug/l	95
83) tert-Butylbenzene	12.999	119	295095	19.901	ug/l	96
84) 1,2,4-Trimethylbenzene	13.041	105	318640	19.416	ug/l	95
85) sec-Butylbenzene	13.175	105	434910	19.630	ug/l	97
86) p-Isopropyltoluene	13.291	119	349106	19.405	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	171940	19.576	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	168047	19.475	ug/l	97
89) n-Butylbenzene	13.614	91	346108	19.703	ug/l	98
90) Hexachloroethane	13.883	117	65367	18.660	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	148695	19.267	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10800	18.582	ug/l	76
93) 1,2,4-Trichlorobenzene	14.919	180	81063	18.732	ug/l	98
94) Hexachlorobutadiene	15.023	225	45593	18.950	ug/l	99
95) Naphthalene	15.145	128	154401	18.917	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	69413	18.975	ug/l	97

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

