

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019814.D
 Acq On : 07 Oct 2024 16:58
 Operator : SY/MD
 Sample : VY1007SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1007SBS03

Quant Time: Oct 08 03:09:11 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 :Romaben Patel 10/08/2024
 Supervised By :Mahesh Dadoda 10/08/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	227439	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	403959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	339894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	160091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123846	58.805	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.620%			
35) Dibromofluoromethane	7.634	113	123614	53.971	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.940%			
50) Toluene-d8	10.103	98	436013	51.468	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.940%			
62) 4-Bromofluorobenzene	12.402	95	156666	48.096	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 96.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	26903	19.112	ug/l	99
3) Chloromethane	2.068	50	28145	14.957	ug/l	96
4) Vinyl Chloride	2.202	62	35698	17.544	ug/l	99
5) Bromomethane	2.592	94	24171	19.339	ug/l	92
6) Chloroethane	2.733	64	27449	20.636	ug/l	96
7) Trichlorofluoromethane	3.056	101	70318	20.731	ug/l	95
8) Diethyl Ether	3.458	74	24210	21.264	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.812	101	46528	22.175	ug/l	93
10) Methyl Iodide	4.001	142	37703	14.015	ug/l	92
11) Tert butyl alcohol	4.860	59	22475	132.144	ug/l #	80
12) 1,1-Dichloroethene	3.787	96	35860	17.771	ug/l	86
13) Acrolein	3.659	56	7235	78.535	ug/l	98
14) Allyl chloride	4.385	41	69380	19.173	ug/l #	90
15) Acrylonitrile	5.061	53	61687	125.655	ug/l	99
16) Acetone	3.873	43	78075	155.611	ug/l #	85
17) Carbon Disulfide	4.104	76	48775	8.946	ug/l	98
18) Methyl Acetate	4.385	43	30528	22.421	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	135515	23.712	ug/l	100
20) Methylene Chloride	4.610	84	48937	21.387	ug/l	88
21) trans-1,2-Dichloroethene	5.116	96	38259	17.298	ug/l #	81
22) Diisopropyl ether	6.019	45	186152	25.051	ug/l #	90
23) Vinyl Acetate	5.958	43	485799	114.454	ug/l #	92
24) 1,1-Dichloroethane	5.915	63	96832	23.222	ug/l	98
25) 2-Butanone	6.896	43	102297	143.355	ug/l #	84
26) 2,2-Dichloropropane	6.884	77	87223	23.189	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	58587	21.806	ug/l	84
28) Bromochloromethane	7.244	49	39465	22.494	ug/l #	76
29) Tetrahydrofuran	7.262	42	50957	117.447	ug/l #	84
30) Chloroform	7.421	83	106490	25.017	ug/l	97
31) Cyclohexane	7.701	56	62381	16.551	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	88426	23.176	ug/l	96
36) 1,1-Dichloropropene	7.835	75	59912	19.224	ug/l	94
37) Ethyl Acetate	6.982	43	37375	23.406	ug/l	96
38) Carbon Tetrachloride	7.817	117	70613	20.092	ug/l	99
39) Methylcyclohexane	9.109	83	65137	15.705	ug/l #	90
40) Benzene	8.079	78	192788	20.084	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	16843m	18.095	ug/l	
42) 1,2-Dichloroethane	8.158	62	61005	23.618	ug/l	94
43) Isopropyl Acetate	8.195	43	75496	22.504	ug/l #	79
44) Trichloroethene	8.866	130	47378	19.191	ug/l	92
45) 1,2-Dichloropropane	9.140	63	53861	22.952	ug/l	99
46) Dibromomethane	9.231	93	27745	21.620	ug/l	93
47) Bromodichloromethane	9.420	83	81983	23.766	ug/l	99
48) Methyl methacrylate	9.219	41	33387	21.074	ug/l #	84
49) 1,4-Dioxane	9.231	88	7005	463.678	ug/l #	81
51) 4-Methyl-2-Pentanone	9.993	43	201775	119.550	ug/l	90
52) Toluene	10.170	92	125120	20.267	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	68881	20.946	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	80114	20.922	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	42499	23.981	ug/l	98
56) Ethyl methacrylate	10.438	69	56308	20.916	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	70527	23.152	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	132053	105.686	ug/l	95
59) 2-Hexanone	10.756	43	154106	124.543	ug/l	88
60) Dibromochloromethane	10.908	129	52298	22.308	ug/l	98
61) 1,2-Dibromoethane	11.012	107	34923	21.150	ug/l	99
64) Tetrachloroethene	10.646	164	39413	18.725	ug/l	91
65) Chlorobenzene	11.438	112	145286	21.730	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	53483	23.104	ug/l	98
67) Ethyl Benzene	11.518	91	257966	21.715	ug/l	99
68) m/p-Xylenes	11.627	106	188135	41.882	ug/l	91
69) o-Xylene	11.950	106	93804	21.353	ug/l	94
70) Styrene	11.969	104	162091	21.854	ug/l	95
71) Bromoform	12.127	173	28280	21.389	ug/l #	96
73) Isopropylbenzene	12.249	105	259670	22.358	ug/l	99
74) N-amyl acetate	12.066	43	67765	21.454	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	50732	24.610	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	32598m	21.724	ug/l	
77) Bromobenzene	12.530	156	56271	21.846	ug/l	87
78) n-propylbenzene	12.591	91	317983	23.099	ug/l	97
79) 2-Chlorotoluene	12.676	91	183214	22.838	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	214040	22.669	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	14640	18.730	ug/l #	83
82) 4-Chlorotoluene	12.773	91	188177	22.816	ug/l	94
83) tert-Butylbenzene	12.993	119	197762	23.137	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	211303	22.609	ug/l	97
85) sec-Butylbenzene	13.170	105	296346	23.866	ug/l	97
86) p-Isopropyltoluene	13.286	119	238225	23.449	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	113196	22.616	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	112736	22.696	ug/l	96
89) n-Butylbenzene	13.615	91	230888	23.773	ug/l	98
90) Hexachloroethane	13.877	117	45844	21.687	ug/l	88
91) 1,2-Dichlorobenzene	13.657	146	105386	23.595	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7756	22.575	ug/l	76
93) 1,2,4-Trichlorobenzene	14.913	180	56109	20.655	ug/l	97
94) Hexachlorobutadiene	15.017	225	32268	22.235	ug/l	97
95) Naphthalene	15.139	128	106451	19.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	47814	20.577	ug/l	97

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

