

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019903.D
 Acq On : 15 Oct 2024 15:01
 Operator : SY/MD
 Sample : VY1015SBS05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS05

Quant Time: Oct 16 02:50:54 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 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	156519	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	291370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	270646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	140626	72.969	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.940%			
35) Dibromofluoromethane	7.634	113	125588	65.318	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 130.640%			
50) Toluene-d8	10.103	98	441129	62.128	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 124.260%			
62) 4-Bromofluorobenzene	12.401	95	166034	64.716	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 129.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	49249	33.800	ug/l	99
3) Chloromethane	2.068	50	60729	32.023	ug/l	99
4) Vinyl Chloride	2.202	62	67816	32.497	ug/l	100
5) Bromomethane	2.592	94	42588	32.242	ug/l	98
6) Chloroethane	2.732	64	46827	33.401	ug/l	95
7) Trichlorofluoromethane	3.056	101	108155	34.830	ug/l	95
8) Diethyl Ether	3.458	74	31012	32.861	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	64092	35.484	ug/l	91
10) Methyl Iodide	4.007	142	56398	30.873	ug/l	92
11) Tert butyl alcohol	4.848	59	30220	167.379	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	52967	31.544	ug/l #	83
13) Acrolein	3.659	56	24215	170.996	ug/l	98
14) Allyl chloride	4.385	41	102020	33.674	ug/l #	91
15) Acrylonitrile	5.055	53	75611	175.163	ug/l	96
16) Acetone	3.866	43	92835	185.047	ug/l #	82
17) Carbon Disulfide	4.104	76	115611	25.687	ug/l	100
18) Methyl Acetate	4.385	43	36248	33.541	ug/l #	86
19) Methyl tert-butyl Ether	5.116	73	164234	34.045	ug/l	98
20) Methylene Chloride	4.616	84	74423	39.987	ug/l #	83
21) trans-1,2-Dichloroethene	5.116	96	57423	31.421	ug/l	88
22) Diisopropyl ether	6.018	45	237258	35.953	ug/l #	87
23) Vinyl Acetate	5.964	43	650190	171.863	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	127452	34.744	ug/l	97
25) 2-Butanone	6.896	43	120980	180.159	ug/l #	81
26) 2,2-Dichloropropane	6.884	77	107155	32.800	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	75084	33.246	ug/l	82
28) Bromochloromethane	7.250	49	53201	32.950	ug/l #	73
29) Tetrahydrofuran	7.268	42	66203	172.663	ug/l #	81
30) Chloroform	7.421	83	132204	35.354	ug/l	97
31) Cyclohexane	7.701	56	102365	31.789	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	113393	34.601	ug/l	95
36) 1,1-Dichloropropene	7.835	75	84268	30.421	ug/l	95
37) Ethyl Acetate	6.982	43	46268	32.033	ug/l	96
38) Carbon Tetrachloride	7.817	117	92713	31.221	ug/l	95
39) Methylcyclohexane	9.109	83	105675	30.277	ug/l #	86
40) Benzene	8.079	78	263002	31.373	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	27020	34.564	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	78283	32.504	ug/l	95
43) Isopropyl Acetate	8.195	43	92669	31.459	ug/l #	75
44) Trichloroethene	8.866	130	62756	30.908	ug/l	91
45) 1,2-Dichloropropane	9.140	63	69211	32.985	ug/l	100
46) Dibromomethane	9.231	93	34709	30.276	ug/l	91
47) Bromodichloromethane	9.420	83	98811	32.472	ug/l	97
48) Methyl methacrylate	9.219	41	41144	31.753	ug/l #	81
49) 1,4-Dioxane	9.219	88	8282	645.471	ug/l #	87
51) 4-Methyl-2-Pentanone	9.993	43	244204	162.532	ug/l	88
52) Toluene	10.170	92	166746	31.865	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	83950	30.662	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	99743	30.874	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	48372	32.026	ug/l	96
56) Ethyl methacrylate	10.438	69	67984	31.368	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	85910	32.389	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	178150	176.572	ug/l	93
59) 2-Hexanone	10.762	43	179795	167.542	ug/l	86
60) Dibromochloromethane	10.908	129	60998	31.464	ug/l	100
61) 1,2-Dibromoethane	11.011	107	43596	31.941	ug/l	95
64) Tetrachloroethene	10.646	164	53292	27.683	ug/l	94
65) Chlorobenzene	11.438	112	180178	29.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	61650	29.436	ug/l	99
67) Ethyl Benzene	11.517	91	328219	29.188	ug/l	99
68) m/p-Xylenes	11.627	106	240397	57.885	ug/l	92
69) o-Xylene	11.950	106	116819	29.276	ug/l	93
70) Styrene	11.969	104	195685	29.067	ug/l	95
71) Bromoform	12.127	173	32188	28.709	ug/l #	95
73) Isopropylbenzene	12.249	105	318461	27.264	ug/l	98
74) N-amyl acetate	12.066	43	80584	26.047	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	58337	28.107	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	38151m	14.024	ug/l	
77) Bromobenzene	12.530	156	66080	26.659	ug/l	84
78) n-propylbenzene	12.590	91	396766	28.111	ug/l	96
79) 2-Chlorotoluene	12.676	91	224393	27.732	ug/l	93
80) 1,3,5-Trimethylbenzene	12.731	105	259309	27.489	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	16845	24.993	ug/l #	81
82) 4-Chlorotoluene	12.773	91	224020	27.076	ug/l	97
83) tert-Butylbenzene	12.993	119	234509	27.750	ug/l	93
84) 1,2,4-Trimethylbenzene	13.042	105	255465	27.315	ug/l	97
85) sec-Butylbenzene	13.170	105	361040	28.595	ug/l	97
86) p-Isopropyltoluene	13.285	119	285701	27.866	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	136318	27.233	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	132600	26.964	ug/l	94
89) n-Butylbenzene	13.615	91	284233	28.391	ug/l	98
90) Hexachloroethane	13.877	117	54255	27.176	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	119633	27.200	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9030	27.261	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	65502	26.559	ug/l	97
94) Hexachlorobutadiene	15.023	225	37465	27.324	ug/l	96
95) Naphthalene	15.139	128	124244	26.710	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	55142	26.450	ug/l	99

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

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