

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020375.D
 Acq On : 21 Nov 2024 10:39
 Operator : SY/MD
 Sample : VY1121SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBS01

Quant Time: Nov 21 13:56:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	180247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	303523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	255135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	121310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95330	46.035	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.060%		
35) Dibromofluoromethane	7.640	113	85002	43.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.340%		
50) Toluene-d8	10.109	98	332344	43.348	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.700%		
62) 4-Bromofluorobenzene	12.408	95	110943	45.014	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	90.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38946	22.260	ug/l	97
3) Chloromethane	2.074	50	40357	14.316	ug/l	96
4) Vinyl Chloride	2.208	62	37886	15.784	ug/l	98
5) Bromomethane	2.604	94	20743	17.304	ug/l	100
6) Chloroethane	2.739	64	23745	16.958	ug/l	98
7) Trichlorofluoromethane	3.068	101	66071	19.809	ug/l	98
8) Diethyl Ether	3.458	74	19799	18.813	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	36345	18.297	ug/l	100
10) Methyl Iodide	4.013	142	47517	17.859	ug/l	95
11) Tert butyl alcohol	4.872	59	14695	90.913	ug/l	95
12) 1,1-Dichloroethene	3.799	96	35988	18.303	ug/l	98
13) Acrolein	3.659	56	18523	144.453	ug/l	99
14) Allyl chloride	4.391	41	68363	17.979	ug/l	95
15) Acrylonitrile	5.067	53	43974	94.525	ug/l	99
16) Acetone	3.879	43	46611	93.891	ug/l	94
17) Carbon Disulfide	4.110	76	114597	17.299	ug/l	99
18) Methyl Acetate	4.391	43	20960	18.113	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	98615	19.307	ug/l	97
20) Methylene Chloride	4.622	84	39953	19.004	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	39135	17.920	ug/l	94
22) Diisopropyl ether	6.031	45	137248	18.317	ug/l	98
23) Vinyl Acetate	5.970	43	388407	92.756	ug/l	99
24) 1,1-Dichloroethane	5.927	63	78285	18.507	ug/l	96
25) 2-Butanone	6.902	43	63764	99.770	ug/l	98
26) 2,2-Dichloropropane	6.896	77	69511	19.881	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	45476	18.906	ug/l	96
28) Bromochloromethane	7.256	49	32189	18.080	ug/l	99
29) Tetrahydrofuran	7.268	42	37676	98.633	ug/l	98
30) Chloroform	7.427	83	77412	18.951	ug/l	98
31) Cyclohexane	7.707	56	72133	18.686	ug/l #	95
32) 1,1,1-Trichloroethane	7.622	97	72285	20.154	ug/l	99
36) 1,1-Dichloropropene	7.841	75	57076	19.200	ug/l	98
37) Ethyl Acetate	6.994	43	27101	19.901	ug/l	99
38) Carbon Tetrachloride	7.823	117	65629	21.145	ug/l	98
39) Methylcyclohexane	9.115	83	69833	18.771	ug/l	97
40) Benzene	8.085	78	171136	19.645	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	13680	17.656	ug/l	96
42) 1,2-Dichloroethane	8.164	62	48620	20.677	ug/l	98
43) Isopropyl Acetate	8.201	43	53412	20.169	ug/l #	87
44) Trichloroethene	8.865	130	39835	19.299	ug/l	97
45) 1,2-Dichloropropane	9.146	63	39715	19.108	ug/l	99
46) Dibromomethane	9.237	93	20413	19.162	ug/l	97
47) Bromodichloromethane	9.426	83	58594	19.924	ug/l	98
48) Methyl methacrylate	9.225	41	24591	19.422	ug/l	95
49) 1,4-Dioxane	9.231	88	4188	382.119	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	133986	99.697	ug/l	99
52) Toluene	10.176	92	102921	19.329	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	53363	19.189	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	63347	19.899	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	26820	18.966	ug/l	100
56) Ethyl methacrylate	10.438	69	39987	18.829	ug/l	98
57) 1,3-Dichloropropane	10.719	76	50296	19.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	100485	99.789	ug/l	99
59) 2-Hexanone	10.761	43	97031	101.962	ug/l	100
60) Dibromochloromethane	10.914	129	36034	19.770	ug/l	98
61) 1,2-Dibromoethane	11.018	107	24532	18.722	ug/l	100
64) Tetrachloroethene	10.652	164	34140	18.563	ug/l	96
65) Chlorobenzene	11.444	112	105916	18.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	37863	19.924	ug/l	97
67) Ethyl Benzene	11.524	91	199885	19.046	ug/l	100
68) m/p-Xylenes	11.633	106	148141	39.189	ug/l	98
69) o-Xylene	11.956	106	70006	19.525	ug/l	98
70) Styrene	11.975	104	117883	19.789	ug/l	99
71) Bromoform	12.133	173	20512	20.711	ug/l #	98
73) Isopropylbenzene	12.255	105	189065	18.398	ug/l	100
74) N-amyl acetate	12.072	43	45544	18.339	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	30208	18.188	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	21691m	18.971	ug/l	
77) Bromobenzene	12.536	156	39097	18.159	ug/l	95
78) n-propylbenzene	12.597	91	228254	18.508	ug/l	100
79) 2-Chlorotoluene	12.682	91	128274	18.090	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	153707	18.507	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10525	18.037	ug/l	95
82) 4-Chlorotoluene	12.779	91	130788	17.871	ug/l	98
83) tert-Butylbenzene	13.005	119	134252	18.318	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	150805	18.315	ug/l	99
85) sec-Butylbenzene	13.182	105	197873	17.126	ug/l	100
86) p-Isopropyltoluene	13.298	119	162886	18.233	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	77470	17.796	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	76598	18.416	ug/l	98
89) n-Butylbenzene	13.621	91	153757	17.973	ug/l	99
90) Hexachloroethane	13.883	117	31013	17.986	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	67451	18.596	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4936	18.112	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	39202	17.875	ug/l	99
94) Hexachlorobutadiene	15.029	225	24790	18.518	ug/l	98
95) Naphthalene	15.151	128	69552	18.415	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	32957	17.576	ug/l	100

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

