

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018269.D
 Acq On : 15 May 2024 13:52
 Operator : SY/MD
 Sample : VY0515SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

Quant Time: May 16 03:04:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	176812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	268314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74831	57.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.060%			
35) Dibromofluoromethane	7.710	113	84248	51.878	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.760%			
50) Toluene-d8	10.179	98	333294	52.082	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.160%			
62) 4-Bromofluorobenzene	12.483	95	104261	50.450	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	30423	21.697	ug/l	91
3) Chloromethane	2.107	50	44820	23.878	ug/l	96
4) Vinyl Chloride	2.241	62	54657	24.021	ug/l	98
5) Bromomethane	2.631	94	37634	23.816	ug/l	99
6) Chloroethane	2.784	64	34809	24.105	ug/l	95
7) Trichlorofluoromethane	3.113	101	58179	21.829	ug/l	100
8) Diethyl Ether	3.515	74	20198	23.021	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	35796	21.074	ug/l	98
10) Methyl Iodide	4.076	142	41194	20.769	ug/l	99
11) Tert butyl alcohol	4.942	59	15842	133.030	ug/l #	80
12) 1,1-Dichloroethene	3.863	96	36536	21.367	ug/l	93
13) Acrolein	3.716	56	20203	157.256	ug/l	99
14) Allyl chloride	4.466	41	49525	22.767	ug/l	97
15) Acrylonitrile	5.143	53	41316	122.453	ug/l	95
16) Acetone	3.936	43	29006	111.743	ug/l	97
17) Carbon Disulfide	4.186	76	109377	23.496	ug/l	99
18) Methyl Acetate	4.460	43	17880	24.181	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	86710	22.765	ug/l	97
20) Methylene Chloride	4.704	84	45258	24.667	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	39858	21.990	ug/l	98
22) Diisopropyl ether	6.112	45	102877	22.294	ug/l	96
23) Vinyl Acetate	6.051	43	325889	116.195	ug/l	97
24) 1,1-Dichloroethane	6.003	63	62534	22.002	ug/l	99
25) 2-Butanone	6.972	43	48466	116.804	ug/l	89
26) 2,2-Dichloropropane	6.978	77	52848	20.545	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	46408	21.665	ug/l	97
28) Bromochloromethane	7.332	49	24806	21.837	ug/l	100
29) Tetrahydrofuran	7.338	42	32827	119.853	ug/l	94
30) Chloroform	7.502	83	65382	22.036	ug/l	94
31) Cyclohexane	7.783	56	60503	22.735	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	56134	21.108	ug/l	98
36) 1,1-Dichloropropene	7.911	75	49355	21.200	ug/l	98
37) Ethyl Acetate	7.070	43	21924	22.375	ug/l #	94
38) Carbon Tetrachloride	7.893	117	50049	19.675	ug/l	97
39) Methylcyclohexane	9.179	83	68885	20.510	ug/l	99
40) Benzene	8.155	78	156119	20.848	ug/l	98

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41) Methacrylonitrile	7.301	41	13814m	24.414	ug/l	
42) 1,2-Dichloroethane	8.234	62	35720	21.923	ug/l	95
43) Isopropyl Acetate	8.271	43	44644	22.228	ug/l	95
44) Trichloroethene	8.935	130	41130	20.176	ug/l	97
45) 1,2-Dichloropropane	9.216	63	35056	21.413	ug/l	95
46) Dibromomethane	9.301	93	20583	21.870	ug/l	98
47) Bromodichloromethane	9.496	83	47773	20.532	ug/l	99
48) Methyl methacrylate	9.289	41	19623	21.318	ug/l	96
49) 1,4-Dioxane	9.289	88	5423	434.082	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	110493	109.457	ug/l	96
52) Toluene	10.240	92	99530	20.645	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	44265	20.367	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	54603	20.553	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	27840	21.533	ug/l	92
56) Ethyl methacrylate	10.508	69	36683	20.891	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	46421	22.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	94086	112.210	ug/l	95
59) 2-Hexanone	10.831	43	74793	105.966	ug/l	96
60) Dibromochloromethane	10.983	129	33601	20.031	ug/l	99
61) 1,2-Dibromoethane	11.087	107	25023	20.548	ug/l	97
64) Tetrachloroethene	10.721	164	35125	19.662	ug/l	98
65) Chlorobenzene	11.514	112	106427	19.475	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	34673	19.615	ug/l	98
67) Ethyl Benzene	11.593	91	183275	19.863	ug/l	96
68) m/p-Xylenes	11.703	106	143141	39.230	ug/l	100
69) o-Xylene	12.026	106	69989	19.988	ug/l	94
70) Styrene	12.044	104	116061	19.848	ug/l	96
71) Bromoform	12.209	173	18198	18.607	ug/l #	98
73) Isopropylbenzene	12.331	105	176793	19.925	ug/l	100
74) N-amyl acetate	12.142	43	38908	21.124	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	28336	20.020	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	19978m	21.090	ug/l	
77) Bromobenzene	12.605	156	39063	19.164	ug/l	99
78) n-propylbenzene	12.672	91	208208	20.174	ug/l	99
79) 2-Chlorotoluene	12.758	91	113855	19.853	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	137943	19.716	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	10062	20.465	ug/l	97
82) 4-Chlorotoluene	12.855	91	115061	19.974	ug/l	97
83) tert-Butylbenzene	13.075	119	127004	19.680	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	135962	19.838	ug/l	99
85) sec-Butylbenzene	13.251	105	189070	19.973	ug/l	100
86) p-Isopropyltoluene	13.367	119	155473	19.965	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	77711	19.741	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	76589	19.958	ug/l	98
89) n-Butylbenzene	13.696	91	141120	20.024	ug/l	97
90) Hexachloroethane	13.965	117	28428	18.608	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	67601	19.980	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3950	20.495	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	35392	18.606	ug/l	99
94) Hexachlorobutadiene	15.111	225	18734	17.850	ug/l	95
95) Naphthalene	15.239	128	68335	19.605	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	29056	18.613	ug/l	97

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

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