

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018227.D
 Acq On : 10 May 2024 12:33
 Operator : SY/MD
 Sample : VY0510SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBS01

Quant Time: May 11 00:56:55 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 05/13/2024
 Supervised By :Semsettin Yesilyurt 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77036	52.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.700%			
35) Dibromofluoromethane	7.710	113	91209	51.610	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.220%			
50) Toluene-d8	10.179	98	351438	50.464	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.920%			
62) 4-Bromofluorobenzene	12.483	95	108922	48.431	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34599	21.813	ug/l	95
3) Chloromethane	2.113	50	43548	20.510	ug/l	97
4) Vinyl Chloride	2.247	62	55469	21.550	ug/l	99
5) Bromomethane	2.637	94	38901	21.762	ug/l	96
6) Chloroethane	2.784	64	35984	22.028	ug/l	100
7) Trichlorofluoromethane	3.113	101	64131	21.271	ug/l	94
8) Diethyl Ether	3.521	74	21617	21.780	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	41626	21.664	ug/l	99
10) Methyl Iodide	4.076	142	42276	18.842	ug/l	98
11) Tert butyl alcohol	4.948	59	18310	136.190	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	39839	20.596	ug/l	92
13) Acrolein	3.722	56	16252	110.493	ug/l	96
14) Allyl chloride	4.472	41	53907	21.907	ug/l	97
15) Acrylonitrile	5.143	53	45511	119.240	ug/l	99
16) Acetone	3.942	43	35937	122.385	ug/l	93
17) Carbon Disulfide	4.186	76	93090	17.678	ug/l	100
18) Methyl Acetate	4.460	43	19930	23.827	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	97638	22.660	ug/l	95
20) Methylene Chloride	4.710	84	62860	30.287	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	42920	20.933	ug/l	96
22) Diisopropyl ether	6.106	45	118419	22.686	ug/l #	90
23) Vinyl Acetate	6.051	43	357463	112.669	ug/l	99
24) 1,1-Dichloroethane	6.009	63	71514	22.243	ug/l	99
25) 2-Butanone	6.978	43	55639	118.538	ug/l	98
26) 2,2-Dichloropropane	6.978	77	63422	21.795	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	52949	21.852	ug/l	98
28) Bromochloromethane	7.325	49	25427	19.787	ug/l	95
29) Tetrahydrofuran	7.338	42	36477	117.732	ug/l	93
30) Chloroform	7.502	83	75826	22.591	ug/l	98
31) Cyclohexane	7.777	56	62191	20.452	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	66509	22.108	ug/l	96
36) 1,1-Dichloropropene	7.911	75	53131	20.971	ug/l	98
37) Ethyl Acetate	7.063	43	24925	23.375	ug/l #	97
38) Carbon Tetrachloride	7.899	117	57838	20.893	ug/l	98
39) Methylcyclohexane	9.179	83	71824	19.651	ug/l	97
40) Benzene	8.155	78	173813	21.329	ug/l	100

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41) Methacrylonitrile	7.307	41	14849	24.115	ug/l	90
42) 1,2-Dichloroethane	8.228	62	39582	22.323	ug/l	97
43) Isopropyl Acetate	8.270	43	49714	22.745	ug/l	94
44) Trichloroethene	8.935	130	45413	20.471	ug/l	97
45) 1,2-Dichloropropane	9.215	63	40076	22.494	ug/l	95
46) Dibromomethane	9.301	93	22569	22.035	ug/l	97
47) Bromodichloromethane	9.496	83	55198	21.799	ug/l	95
48) Methyl methacrylate	9.295	41	21371	21.334	ug/l	91
49) 1,4-Dioxane	9.295	88	5776	424.848	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	125715	114.438	ug/l	94
52) Toluene	10.246	92	111476	21.248	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	51483	21.768	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	62241	21.529	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	30996	22.030	ug/l	96
56) Ethyl methacrylate	10.508	69	41449	21.691	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	52017	22.715	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	97101	106.415	ug/l	93
59) 2-Hexanone	10.831	43	87322	113.684	ug/l	96
60) Dibromochloromethane	10.983	129	39713	21.755	ug/l	98
61) 1,2-Dibromoethane	11.087	107	28833	21.756	ug/l	100
64) Tetrachloroethene	10.721	164	38610	20.480	ug/l	93
65) Chlorobenzene	11.520	112	124436	21.577	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	41984	22.507	ug/l	96
67) Ethyl Benzene	11.593	91	212326	21.806	ug/l	95
68) m/p-Xylenes	11.703	106	167067	43.388	ug/l	96
69) o-Xylene	12.032	106	80754	21.853	ug/l	93
70) Styrene	12.044	104	137113	22.219	ug/l	97
71) Bromoform	12.209	173	21863	21.182	ug/l #	97
73) Isopropylbenzene	12.331	105	209226	22.046	ug/l	98
74) N-amyl acetate	12.142	43	43407	22.033	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	34358	22.694	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	24524m	24.205	ug/l	
77) Bromobenzene	12.611	156	47492	21.783	ug/l	94
78) n-propylbenzene	12.672	91	245922	22.278	ug/l	97
79) 2-Chlorotoluene	12.757	91	134979	22.004	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	166037	22.187	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	12300	23.389	ug/l	97
82) 4-Chlorotoluene	12.855	91	134936	21.899	ug/l	96
83) tert-Butylbenzene	13.074	119	154133	22.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	161045	21.969	ug/l	98
85) sec-Butylbenzene	13.257	105	226168	22.337	ug/l	99
86) p-Isopropyltoluene	13.373	119	185548	22.276	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93106	22.112	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	90719	22.101	ug/l	99
89) n-Butylbenzene	13.696	91	167175	22.177	ug/l	98
90) Hexachloroethane	13.965	117	35044	21.445	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	79121	21.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4510	21.878	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	44549	21.896	ug/l	96
94) Hexachlorobutadiene	15.111	225	22967	20.459	ug/l	95
95) Naphthalene	15.239	128	80871	21.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	36679	21.968	ug/l	98

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

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