

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018181.D
 Acq On : 08 May 2024 11:20
 Operator : SY/MD
 Sample : VY0508SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBS01

Quant Time: May 09 02:22:20 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 05/09/2024
 Supervised By :Semsettin Yesilyurt 05/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	221344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	376935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83922	51.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.080%
35) Dibromofluoromethane	7.710	113	99347	50.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.179	98	381191	48.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.477	95	122659	48.656	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	38175	21.748	ug/l	98
3) Chloromethane	2.107	50	49888	21.231	ug/l	99
4) Vinyl Chloride	2.241	62	59771	20.984	ug/l	98
5) Bromomethane	2.637	94	41908	21.185	ug/l	92
6) Chloroethane	2.784	64	39331	21.757	ug/l	96
7) Trichlorofluoromethane	3.113	101	71900	21.550	ug/l	97
8) Diethyl Ether	3.515	74	24312	22.135	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	46563	21.898	ug/l	99
10) Methyl Iodide	4.076	142	51045	20.557	ug/l	99
11) Tert butyl alcohol	4.948	59	17907	118.911	ug/l #	77
12) 1,1-Dichloroethene	3.863	96	45894	21.440	ug/l	98
13) Acrolein	3.716	56	20317	125.417	ug/l	97
14) Allyl chloride	4.466	41	61964	22.754	ug/l	95
15) Acrylonitrile	5.149	53	49490	117.169	ug/l	99
16) Acetone	3.942	43	37577	115.637	ug/l	97
17) Carbon Disulfide	4.186	76	113573	19.489	ug/l	99
18) Methyl Acetate	4.466	43	21003	22.690	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	111401	23.363	ug/l	99
20) Methylene Chloride	4.704	84	55520	24.172	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	48958	21.576	ug/l	93
22) Diisopropyl ether	6.106	45	133178	23.054	ug/l	92
23) Vinyl Acetate	6.051	43	407177	115.969	ug/l	100
24) 1,1-Dichloroethane	6.009	63	80964	22.756	ug/l	99
25) 2-Butanone	6.978	43	62389	120.108	ug/l	94
26) 2,2-Dichloropropane	6.972	77	72405	22.484	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	60364	22.511	ug/l	96
28) Bromochloromethane	7.332	49	31134	21.893	ug/l	99
29) Tetrahydrofuran	7.338	42	41232	120.253	ug/l	95
30) Chloroform	7.496	83	84195	22.667	ug/l	97
31) Cyclohexane	7.783	56	69369	20.632	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	74824	22.475	ug/l	98
36) 1,1-Dichloropropene	7.911	75	59784	21.052	ug/l	98
37) Ethyl Acetate	7.069	43	28295	23.673	ug/l #	96
38) Carbon Tetrachloride	7.892	117	66253	21.351	ug/l	95
39) Methylcyclohexane	9.179	83	82855	20.224	ug/l	98
40) Benzene	8.155	78	199060	21.792	ug/l	98

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41) Methacrylonitrile	7.307	41	16653m	24.127	ug/l	
42) 1,2-Dichloroethane	8.228	62	43722	21.998	ug/l	99
43) Isopropyl Acetate	8.264	43	55158	22.514	ug/l	96
44) Trichloroethene	8.935	130	53274	21.424	ug/l	97
45) 1,2-Dichloropropane	9.209	63	43136	21.600	ug/l	98
46) Dibromomethane	9.301	93	26328	22.932	ug/l	99
47) Bromodichloromethane	9.490	83	63488	22.369	ug/l	98
48) Methyl methacrylate	9.289	41	24917	22.191	ug/l	92
49) 1,4-Dioxane	9.295	88	6598	432.956	ug/l #	93
51) 4-Methyl-2-Pentanone	10.069	43	142774	115.946	ug/l	97
52) Toluene	10.240	92	127622	21.702	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	59740	22.534	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	72888	22.492	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	36385	23.070	ug/l	96
56) Ethyl methacrylate	10.508	69	48165	22.486	ug/l	93
57) 1,3-Dichloropropane	10.788	76	58474	22.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	101448	99.186	ug/l	97
59) 2-Hexanone	10.831	43	103135	119.787	ug/l	93
60) Dibromochloromethane	10.983	129	45316	22.146	ug/l	98
61) 1,2-Dibromoethane	11.087	107	32518	21.890	ug/l	98
64) Tetrachloroethene	10.721	164	46420	21.666	ug/l	99
65) Chlorobenzene	11.514	112	144274	22.014	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	47394	22.356	ug/l	98
67) Ethyl Benzene	11.593	91	240606	21.743	ug/l	95
68) m/p-Xylenes	11.703	106	192788	44.056	ug/l	94
69) o-Xylene	12.026	106	92295	21.978	ug/l	95
70) Styrene	12.044	104	155811	22.217	ug/l	97
71) Bromoform	12.209	173	26112	22.262	ug/l #	97
73) Isopropylbenzene	12.331	105	234886	21.278	ug/l	97
74) N-amyl acetate	12.142	43	50567	22.067	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	39283	22.308	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	25590m	21.714	ug/l	
77) Bromobenzene	12.611	156	54603	21.531	ug/l	95
78) n-propylbenzene	12.672	91	277837	21.639	ug/l	98
79) 2-Chlorotoluene	12.757	91	152163	21.326	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	187727	21.567	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	13617	22.262	ug/l	95
82) 4-Chlorotoluene	12.855	91	156226	21.798	ug/l	97
83) tert-Butylbenzene	13.074	119	172107	21.436	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	186163	21.833	ug/l	98
85) sec-Butylbenzene	13.251	105	254159	21.581	ug/l	99
86) p-Isopropyltoluene	13.367	119	211931	21.875	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	105522	21.546	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	107132	22.439	ug/l	98
89) n-Butylbenzene	13.696	91	193732	22.095	ug/l	99
90) Hexachloroethane	13.958	117	41214	21.683	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	92961	22.084	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5244	21.870	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	53803	22.735	ug/l	98
94) Hexachlorobutadiene	15.111	225	29095	22.283	ug/l	99
95) Naphthalene	15.233	128	99102	22.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	44818	23.077	ug/l	99

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

