

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018228.D
 Acq On : 10 May 2024 12:56
 Operator : SY/MD
 Sample : VY0510SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0510SBS01

Quant Time: May 11 00:58:55 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	220423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85710	52.856	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	105.720%	
35) Dibromofluoromethane	7.710	113	99546	50.650	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	101.300%	
50) Toluene-d8	10.179	98	383372	49.500	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	99.000%	
62) 4-Bromofluorobenzene	12.483	95	120947	48.357	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	96.720%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	33238	19.014	ug/l	96
3) Chloromethane	2.107	50	42808	18.294	ug/l	97
4) Vinyl Chloride	2.247	62	52943	18.664	ug/l	97
5) Bromomethane	2.637	94	37476	19.024	ug/l	98
6) Chloroethane	2.784	64	34657	19.252	ug/l	96
7) Trichlorofluoromethane	3.113	101	62567	18.831	ug/l	95
8) Diethyl Ether	3.515	74	20801	19.018	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	40128	18.950	ug/l	99
10) Methyl Iodide	4.082	142	40714	16.465	ug/l	99
11) Tert butyl alcohol	4.942	59	22227	151.278	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	39130	18.356	ug/l	91
13) Acrolein	3.723	56	17956	110.785	ug/l	100
14) Allyl chloride	4.466	41	52454	19.343	ug/l	95
15) Acrylonitrile	5.149	53	47759	113.543	ug/l	96
16) Acetone	3.936	43	37157	114.823	ug/l	90
17) Carbon Disulfide	4.186	76	88754	15.294	ug/l	98
18) Methyl Acetate	4.466	43	20860	22.629	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	98581	20.760	ug/l	100
20) Methylene Chloride	4.710	84	62234	27.209	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	41251	18.256	ug/l	93
22) Diisopropyl ether	6.112	45	117757	20.470	ug/l #	99
23) Vinyl Acetate	6.051	43	365788	104.617	ug/l	99
24) 1,1-Dichloroethane	6.009	63	69511	19.618	ug/l	98
25) 2-Butanone	6.978	43	58861	113.790	ug/l	96
26) 2,2-Dichloropropane	6.972	77	63336	19.750	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	51301	19.211	ug/l	97
28) Bromochloromethane	7.332	49	28098	19.841	ug/l	98
29) Tetrahydrofuran	7.344	42	38049	111.434	ug/l	95
30) Chloroform	7.502	83	72337	19.556	ug/l	100
31) Cyclohexane	7.783	56	59934	17.602	ug/l #	92
32) 1,1,1-Trichloroethane	7.697	97	63847	19.258	ug/l	99
36) 1,1-Dichloropropene	7.911	75	51797	18.384	ug/l	100
37) Ethyl Acetate	7.063	43	26566	22.402	ug/l #	97
38) Carbon Tetrachloride	7.893	117	55916	18.163	ug/l	98
39) Methylcyclohexane	9.179	83	71126	17.498	ug/l	98
40) Benzene	8.155	78	168429	18.585	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13383m	19.543	ug/l	
42) 1,2-Dichloroethane	8.228	62	40320	20.447	ug/l	99
43) Isopropyl Acetate	8.271	43	50951	20.961	ug/l	96
44) Trichloroethene	8.935	130	45254	18.343	ug/l	98
45) 1,2-Dichloropropane	9.215	63	38321	19.341	ug/l	96
46) Dibromomethane	9.307	93	22371	19.640	ug/l	98
47) Bromodichloromethane	9.496	83	55044	19.547	ug/l	95
48) Methyl methacrylate	9.289	41	23119	20.753	ug/l	94
49) 1,4-Dioxane	9.301	88	6344	419.589	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	134124	109.785	ug/l	95
52) Toluene	10.240	92	108033	18.516	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	51461	19.565	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	61806	19.223	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	31897	20.385	ug/l	95
56) Ethyl methacrylate	10.508	69	43933	20.673	ug/l	93
57) 1,3-Dichloropropane	10.788	76	51527	20.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	103762	102.253	ug/l	96
59) 2-Hexanone	10.831	43	95528	111.831	ug/l	94
60) Dibromochloromethane	10.983	129	40235	19.819	ug/l	98
61) 1,2-Dibromoethane	11.087	107	29574	20.066	ug/l	99
64) Tetrachloroethene	10.721	164	37860	17.762	ug/l	97
65) Chlorobenzene	11.514	112	124058	19.027	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	40636	19.267	ug/l	98
67) Ethyl Benzene	11.593	91	207372	18.837	ug/l	94
68) m/p-Xylenes	11.703	106	165562	38.030	ug/l	94
69) o-Xylene	12.026	106	80007	19.150	ug/l	94
70) Styrene	12.044	104	132772	19.030	ug/l	97
71) Bromoform	12.209	173	22403	19.198	ug/l #	100
73) Isopropylbenzene	12.331	105	204623	19.008	ug/l	98
74) N-amyl acetate	12.142	43	45939	20.557	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	35522	20.685	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	24528m	21.342	ug/l	
77) Bromobenzene	12.605	156	47178	19.077	ug/l	95
78) n-propylbenzene	12.672	91	240786	19.230	ug/l	98
79) 2-Chlorotoluene	12.758	91	129760	18.649	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	160491	18.907	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11975	20.075	ug/l	97
82) 4-Chlorotoluene	12.855	91	135727	19.420	ug/l	99
83) tert-Butylbenzene	13.075	119	150533	19.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	161181	19.384	ug/l	98
85) sec-Butylbenzene	13.251	105	223501	19.460	ug/l	98
86) p-Isopropyltoluene	13.367	119	182581	19.325	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	91421	19.142	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	90835	19.509	ug/l	99
89) n-Butylbenzene	13.696	91	165729	19.382	ug/l	98
90) Hexachloroethane	13.959	117	34665	18.702	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	81718	19.907	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4862	20.793	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	45600	19.759	ug/l	98
94) Hexachlorobutadiene	15.111	225	24366	19.136	ug/l	97
95) Naphthalene	15.239	128	88194	20.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	38484	20.320	ug/l	98

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

