

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018813.D
 Acq On : 15 Jul 2024 13:00
 Operator : SY/MD
 Sample : VY0715SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 15 13:15:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

07/16/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	109424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	166389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	145922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57097	53.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.060%	
35) Dibromofluoromethane	7.704	113	55768	53.514	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.020%	
50) Toluene-d8	10.173	98	205827	52.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.477	95	70439	52.242	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	17634	19.232	ug/l	93
3) Chloromethane	2.101	50	27362	19.638	ug/l	98
4) Vinyl Chloride	2.235	62	31189	19.135	ug/l	94
5) Bromomethane	2.619	94	22145	19.752	ug/l	94
6) Chloroethane	2.772	64	18971	17.915	ug/l	94
7) Trichlorofluoromethane	3.095	101	44723	20.998	ug/l	94
8) Diethyl Ether	3.509	74	10991	21.172	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.875	101	21593	19.760	ug/l	96
10) Methyl Iodide	4.070	142	21084	17.917	ug/l	92
11) Tert butyl alcohol	4.948	59	8266	75.782	ug/l	99
12) 1,1-Dichloroethene	3.845	96	19502	18.447	ug/l	97
13) Acrolein	3.704	56	6902	78.979	ug/l	95
14) Allyl chloride	4.442	41	25233	19.266	ug/l	89
15) Acrylonitrile	5.143	53	22346	109.115	ug/l	98
16) Acetone	3.930	43	18197	91.667	ug/l	95
17) Carbon Disulfide	4.168	76	52713	17.807	ug/l	96
18) Methyl Acetate	4.454	43	13301	23.060	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	52043	21.221	ug/l	98
20) Methylene Chloride	4.692	84	36259	30.296	ug/l	98
21) trans-1,2-Dichloroethene	5.192	96	21861	19.593	ug/l	95
22) Diisopropyl ether	6.100	45	56989	20.004	ug/l	93
23) Vinyl Acetate	6.039	43	227327	101.283	ug/l	98
24) 1,1-Dichloroethane	5.997	63	35256	19.382	ug/l	99
25) 2-Butanone	6.978	43	29163	104.805	ug/l	90
26) 2,2-Dichloropropane	6.960	77	29678	17.585	ug/l	99
27) cis-1,2-Dichloroethene	6.960	96	25354	19.517	ug/l	97
28) Bromochloromethane	7.320	49	15284	20.920	ug/l	97
29) Tetrahydrofuran	7.338	42	18720	109.737	ug/l	97
30) Chloroform	7.490	83	40473	19.965	ug/l	99
31) Cyclohexane	7.771	56	31087	18.792	ug/l #	96
32) 1,1,1-Trichloroethane	7.685	97	37660	19.978	ug/l	98
36) 1,1-Dichloropropene	7.899	75	28903	20.097	ug/l	97
37) Ethyl Acetate	7.057	43	14043	23.491	ug/l	97
38) Carbon Tetrachloride	7.887	117	35799	20.667	ug/l	98
39) Methylcyclohexane	9.173	83	37310	20.244	ug/l	95
40) Benzene	8.143	78	85940	20.599	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	7073	20.753	ug/l	95
42) 1,2-Dichloroethane	8.222	62	24795	21.227	ug/l	97
43) Isopropyl Acetate	8.265	43	25641	21.556	ug/l #	81
44) Trichloroethene	8.929	130	23844	19.994	ug/l	95
45) 1,2-Dichloropropane	9.203	63	18498	20.361	ug/l	93
46) Dibromomethane	9.295	93	12527	21.273	ug/l	98
47) Bromodichloromethane	9.490	83	31057	21.111	ug/l	95
48) Methyl methacrylate	9.289	41	11125	20.577	ug/l #	86
49) 1,4-Dioxane	9.283	88	3092	447.923	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	69355	114.201	ug/l	93
52) Toluene	10.234	92	56265	20.291	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	27540	21.682	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	30971	20.784	ug/l #	90
55) 1,1,2-Trichloroethane	10.636	97	15603	20.924	ug/l #	88
56) Ethyl methacrylate	10.502	69	21909	22.316	ug/l #	85
57) 1,3-Dichloropropane	10.782	76	27250	22.044	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	50102	106.818	ug/l	92
59) 2-Hexanone	10.825	43	47258	111.229	ug/l	92
60) Dibromochloromethane	10.977	129	22206	21.673	ug/l	100
61) 1,2-Dibromoethane	11.081	107	15599	21.517	ug/l	98
64) Tetrachloroethene	10.715	164	25133	21.279	ug/l	93
65) Chlorobenzene	11.508	112	62061	20.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	21809	20.563	ug/l	96
67) Ethyl Benzene	11.587	91	106968	19.836	ug/l	93
68) m/p-Xylenes	11.697	106	83226	39.329	ug/l	96
69) o-Xylene	12.026	106	40124	20.168	ug/l	98
70) Styrene	12.038	104	66673	20.085	ug/l	97
71) Bromoform	12.203	173	12807	22.154	ug/l #	98
73) Isopropylbenzene	12.325	105	104993	19.639	ug/l	98
74) N-amyl acetate	12.142	43	23766	21.737	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	18349	21.772	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	11385m	19.899	ug/l	
77) Bromobenzene	12.605	156	26068	20.425	ug/l	94
78) n-propylbenzene	12.666	91	122403	19.280	ug/l	97
79) 2-Chlorotoluene	12.752	91	70487	19.745	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	84576	19.335	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	5146	20.130	ug/l #	78
82) 4-Chlorotoluene	12.849	91	71412	19.427	ug/l	95
83) tert-Butylbenzene	13.069	119	79101	19.587	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	85014	19.558	ug/l	99
85) sec-Butylbenzene	13.251	105	114053	19.897	ug/l	97
86) p-Isopropyltoluene	13.367	119	96386	19.477	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	50140	20.003	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	50737	20.422	ug/l	99
89) n-Butylbenzene	13.697	91	85324	19.018	ug/l	98
90) Hexachloroethane	13.953	117	17941	19.494	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	44430	20.519	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3066	22.451	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	27768	21.008	ug/l	97
94) Hexachlorobutadiene	15.111	225	15947	20.931	ug/l	97
95) Naphthalene	15.233	128	52248	23.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24489	21.653	ug/l	97

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

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