

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018812.D
 Acq On : 15 Jul 2024 12:26
 Operator : SY/MD
 Sample : VY0715SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0715SBS01

Quant Time: Jul 15 13:14:36 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 07/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.776	168	102193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	164062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	143892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	53211	52.915	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.820%			
35) Dibromofluoromethane	7.697	113	53193	51.767	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.540%			
50) Toluene-d8	10.172	98	194578	49.982	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.960%			
62) 4-Bromofluorobenzene	12.477	95	66310	49.877	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.893	85	15257	17.817	ug/l	100
3) Chloromethane	2.101	50	24920	19.151	ug/l	95
4) Vinyl Chloride	2.235	62	28307	18.596	ug/l	95
5) Bromomethane	2.625	94	21419	20.456	ug/l	92
6) Chloroethane	2.771	64	18361	18.566	ug/l #	88
7) Trichlorofluoromethane	3.094	101	39411	19.813	ug/l	93
8) Diethyl Ether	3.515	74	10054	20.738	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.875	101	19560	19.166	ug/l	95
10) Methyl Iodide	4.064	142	17894	16.282	ug/l #	89
11) Tert butyl alcohol	4.941	59	11543	113.313	ug/l	100
12) 1,1-Dichloroethene	3.850	96	18088	18.320	ug/l	96
13) Acrolein	3.710	56	7483	91.686	ug/l	100
14) Allyl chloride	4.448	41	24425	19.969	ug/l	92
15) Acrylonitrile	5.143	53	20151	105.360	ug/l	96
16) Acetone	3.936	43	18223	98.293	ug/l	90
17) Carbon Disulfide	4.173	76	50034	18.098	ug/l	95
18) Methyl Acetate	4.460	43	12588	23.368	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	47897	20.913	ug/l	96
20) Methylene Chloride	4.685	84	35632	32.167	ug/l	96
21) trans-1,2-Dichloroethene	5.191	96	19898	19.095	ug/l	98
22) Diisopropyl ether	6.094	45	53673	20.173	ug/l	93
23) Vinyl Acetate	6.039	43	213743	101.970	ug/l	100
24) 1,1-Dichloroethane	5.990	63	33511	19.727	ug/l	96
25) 2-Butanone	6.972	43	27335	105.187	ug/l	90
26) 2,2-Dichloropropane	6.959	77	30149	19.128	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	24040	19.815	ug/l	97
28) Bromochloromethane	7.319	49	13635	19.984	ug/l	96
29) Tetrahydrofuran	7.337	42	16878	105.940	ug/l	98
30) Chloroform	7.496	83	39002	20.600	ug/l	97
31) Cyclohexane	7.776	56	28640	18.538	ug/l	94
32) 1,1,1-Trichloroethane	7.685	97	34130	19.386	ug/l	93
36) 1,1-Dichloropropene	7.904	75	25041	17.659	ug/l	97
37) Ethyl Acetate	7.063	43	11667	19.794	ug/l #	95
38) Carbon Tetrachloride	7.892	117	30885	18.083	ug/l	96
39) Methylcyclohexane	9.172	83	33912	18.661	ug/l	96
40) Benzene	8.148	78	80218	19.500	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	8284	24.651	ug/l #	35
42) 1,2-Dichloroethane	8.221	62	23715	20.591	ug/l	97
43) Isopropyl Acetate	8.264	43	24518	20.904	ug/l	95
44) Trichloroethene	8.929	130	22722	19.323	ug/l	91
45) 1,2-Dichloropropane	9.203	63	17503	19.539	ug/l	98
46) Dibromomethane	9.294	93	11884	20.467	ug/l	95
47) Bromodichloromethane	9.489	83	29059	20.033	ug/l	96
48) Methyl methacrylate	9.282	41	10337	19.390	ug/l #	89
49) 1,4-Dioxane	9.294	88	2730	401.091	ug/l #	100
51) 4-Methyl-2-Pentanone	10.063	43	61401	102.538	ug/l	96
52) Toluene	10.233	92	52140	19.070	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	23912	19.093	ug/l	91
54) cis-1,3-Dichloropropene	9.922	75	29395	20.007	ug/l #	85
55) 1,1,2-Trichloroethane	10.636	97	14857	20.206	ug/l	95
56) Ethyl methacrylate	10.501	69	19897	20.554	ug/l #	85
57) 1,3-Dichloropropane	10.782	76	25964	21.302	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	52132	112.722	ug/l	93
59) 2-Hexanone	10.825	43	42023	100.311	ug/l	94
60) Dibromochloromethane	10.977	129	21109	20.895	ug/l	97
61) 1,2-Dibromoethane	11.081	107	15181	21.237	ug/l	97
64) Tetrachloroethene	10.715	164	21528	18.484	ug/l	98
65) Chlorobenzene	11.507	112	58607	19.308	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.581	131	21500	20.558	ug/l	97
67) Ethyl Benzene	11.587	91	101830	19.150	ug/l	98
68) m/p-Xylenes	11.696	106	80060	38.367	ug/l	99
69) o-Xylene	12.026	106	39192	19.978	ug/l	98
70) Styrene	12.038	104	64343	19.657	ug/l	96
71) Bromoform	12.202	173	12409	21.768	ug/l #	97
73) Isopropylbenzene	12.324	105	98797	18.209	ug/l	98
74) N-amyl acetate	12.141	43	20305	18.299	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.580	83	17657	20.643	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	13536m	23.312	ug/l	
77) Bromobenzene	12.605	156	24606	18.996	ug/l	94
78) n-propylbenzene	12.666	91	117851	18.291	ug/l	98
79) 2-Chlorotoluene	12.751	91	68203	18.825	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	81776	18.420	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	4930	19.002	ug/l #	78
82) 4-Chlorotoluene	12.849	91	69802	18.710	ug/l	100
83) tert-Butylbenzene	13.068	119	76760	18.728	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	82767	18.761	ug/l	100
85) sec-Butylbenzene	13.251	105	107363	18.455	ug/l	97
86) p-Isopropyltoluene	13.367	119	90291	17.978	ug/l	94
87) 1,3-Dichlorobenzene	13.361	146	49540	19.473	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	47941	19.013	ug/l	97
89) n-Butylbenzene	13.696	91	84071	18.464	ug/l	98
90) Hexachloroethane	13.958	117	17434	18.665	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	42639	19.403	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	2767	19.964	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	26777	19.961	ug/l	99
94) Hexachlorobutadiene	15.110	225	15177	19.628	ug/l	97
95) Naphthalene	15.232	128	46099	20.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	22753	19.823	ug/l	97

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

