

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019346.D
 Acq On : 28 Aug 2024 21:52
 Operator : SY/MD
 Sample : P3660-06MS
 Misc : 8.13g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-906-J-0-0.5-081624MS

Quant Time: Aug 29 01:40:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	69669	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	107585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	74193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	24325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39240	56.187	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.380%			
35) Dibromofluoromethane	7.628	113	39476	56.117	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.240%			
50) Toluene-d8	10.103	98	119491	47.202	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.400%			
62) 4-Bromofluorobenzene	12.401	95	28319	32.815	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 65.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	29822	58.343	ug/l	96
3) Chloromethane	2.062	50	52049	56.493	ug/l	97
4) Vinyl Chloride	2.196	62	62597	55.004	ug/l	96
5) Bromomethane	2.586	94	44240	65.499	ug/l	97
6) Chloroethane	2.726	64	39095	54.544	ug/l	94
7) Trichlorofluoromethane	3.043	101	83940	48.785	ug/l	94
8) Diethyl Ether	3.446	74	19652	52.915	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.805	101	41022	53.629	ug/l	98
10) Methyl Iodide	3.994	142	38416	51.238	ug/l	92
11) Tert butyl alcohol	4.836	59	11930	190.630	ug/l #	92
12) 1,1-Dichloroethene	3.775	96	38780	55.803	ug/l	94
14) Allyl chloride	4.366	41	46291	50.100	ug/l	90
15) Acrylonitrile	5.049	53	38271	251.846	ug/l	98
16) Acetone	3.860	43	24495	189.127	ug/l #	86
17) Carbon Disulfide	4.092	76	93355	47.627	ug/l	100
18) Methyl Acetate	4.366	43	72677	182.836	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	93390	55.430	ug/l	98
20) Methylene Chloride	4.604	84	46029	59.083	ug/l	95
21) trans-1,2-Dichloroethene	5.098	96	40377	52.005	ug/l	95
22) Diisopropyl ether	6.012	45	119200	56.354	ug/l	97
24) 1,1-Dichloroethane	5.897	63	74738	57.778	ug/l	97
25) 2-Butanone	6.878	43	35587	170.614	ug/l #	84
26) 2,2-Dichloropropane	6.872	77	55973	53.435	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	48326	52.890	ug/l	97
28) Bromochloromethane	7.232	49	29560	54.477	ug/l	93
29) Tetrahydrofuran	7.250	42	32482	242.255	ug/l	90
30) Chloroform	7.408	83	83347	57.825	ug/l	100
31) Cyclohexane	7.689	56	49555	49.569	ug/l	95
32) 1,1,1-Trichloroethane	7.604	97	72177	56.980	ug/l	95
36) 1,1-Dichloropropene	7.829	75	51451	53.264	ug/l	98
37) Ethyl Acetate	6.963	43	5954	13.912	ug/l #	76
38) Carbon Tetrachloride	7.805	117	63730	56.929	ug/l	98
39) Methylcyclohexane	9.103	83	44660	36.027	ug/l	99
40) Benzene	8.073	78	164545	55.541	ug/l	98
41) Methacrylonitrile	7.207	41	13196m	56.492	ug/l	
42) 1,2-Dichloroethane	8.146	62	47653	59.565	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	8.195	43	15935	18.411	ug/l #	57
44) Trichloroethene	8.859	130	41550	50.264	ug/l	95
45) 1,2-Dichloropropane	9.134	63	36369	55.099	ug/l	96
46) Dibromomethane	9.225	93	22808	53.275	ug/l	97
47) Bromodichloromethane	9.420	83	58265	55.472	ug/l	97
48) Methyl methacrylate	9.219	41	28011	72.617	ug/l	83
49) 1,4-Dioxane	9.219	88	5567	1073.453	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	115551	251.534	ug/l	91
52) Toluene	10.170	92	95893	49.310	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	41523	47.657	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	52038	49.662	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	28165	51.104	ug/l	97
56) Ethyl methacrylate	10.438	69	13795	19.123	ug/l #	72
57) 1,3-Dichloropropane	10.713	76	46001	51.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	66144	193.278	ug/l	96
59) 2-Hexanone	10.761	43	69236	219.374	ug/l	87
60) Dibromochloromethane	10.908	129	35428	47.196	ug/l	100
61) 1,2-Dibromoethane	11.011	107	24841	46.633	ug/l	97
64) Tetrachloroethene	10.646	164	34416	53.070	ug/l	97
65) Chlorobenzene	11.438	112	86732	50.768	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	35644	59.329	ug/l	93
67) Ethyl Benzene	11.517	91	151233	51.003	ug/l	99
68) m/p-Xylenes	11.627	106	113618	96.568	ug/l	99
69) o-Xylene	11.956	106	53354	48.969	ug/l	97
70) Styrene	11.969	104	79579	42.831	ug/l	98
71) Bromoform	12.127	173	17434	50.764	ug/l #	99
73) Isopropylbenzene	12.255	105	119384	64.034	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	23684	71.355	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	18692m	77.919	ug/l	
77) Bromobenzene	12.529	156	27844	62.186	ug/l	98
78) n-propylbenzene	12.597	91	121463	54.498	ug/l	100
79) 2-Chlorotoluene	12.676	91	67957	54.386	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	77160	50.802	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	6478	66.691	ug/l #	85
82) 4-Chlorotoluene	12.779	91	71664	55.126	ug/l	97
83) tert-Butylbenzene	12.999	119	72901	51.975	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	74884	49.469	ug/l	100
85) sec-Butylbenzene	13.176	105	84438	41.311	ug/l	97
86) p-Isopropyltoluene	13.292	119	68164	40.600	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	35822	40.568	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	36231	41.277	ug/l	99
89) n-Butylbenzene	13.621	91	43899	28.679	ug/l	98
90) Hexachloroethane	13.883	117	12589	38.042	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	31627	40.724	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2672	54.722	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	6134	14.006	ug/l	93
94) Hexachlorobutadiene	15.023	225	3139	13.760	ug/l	94
95) Naphthalene	15.139	128	14538	18.599	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	2957	8.005	ug/l	82

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

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