

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083469.D
 Acq On : 23 Aug 2024 18:45
 Operator : JC\MD
 Sample : P3716-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1049-MW-02(23.8)MSD

Quant Time: Aug 24 00:07:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/26/2024
 Supervised By : Semsettin Yesilyurt 08/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124883	56.131	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.260%			
35) Dibromofluoromethane	8.165	113	89279	51.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.900%			
50) Toluene-d8	10.565	98	330468	51.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.853	95	133304	53.341	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.118	85	83176	46.925	ug/l	98
3) Chloromethane	2.359	50	86478	47.653	ug/l	97
4) Vinyl Chloride	2.512	62	98849	53.382	ug/l	100
5) Bromomethane	2.901	94	46869	40.791	ug/l	93
6) Chloroethane	3.059	64	61372	52.976	ug/l	99
7) Trichlorofluoromethane	3.459	101	154000	50.343	ug/l	97
8) Diethyl Ether	3.954	74	55474	48.735	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.348	101	84802	50.282	ug/l	98
10) Methyl Iodide	4.571	142	109249	49.244	ug/l	94
11) Tert butyl alcohol	5.548	59	92225	199.463	ug/l	99
12) 1,1-Dichloroethene	4.324	96	80806	46.636	ug/l	92
13) Acrolein	4.171	56	32958	109.370	ug/l	100
14) Allyl chloride	5.012	41	148003	45.201	ug/l	90
15) Acrylonitrile	5.718	53	231672	243.629	ug/l	99
16) Acetone	4.436	43	193803	222.614	ug/l	95
17) Carbon Disulfide	4.695	76	200988	39.643	ug/l	100
18) Methyl Acetate	5.018	43	128742	49.634	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	305983	48.925	ug/l	98
20) Methylene Chloride	5.265	84	91907	45.871	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	84056	46.937	ug/l	98
22) Diisopropyl ether	6.671	45	301972	49.062	ug/l	97
23) Vinyl Acetate	6.600	43	1486627	235.649	ug/l	97
24) 1,1-Dichloroethane	6.565	63	170473	50.814	ug/l	99
25) 2-Butanone	7.483	43	309227	231.328	ug/l	93
26) 2,2-Dichloropropane	7.489	77	123638	39.684	ug/l	94
27) cis-1,2-Dichloroethene	7.483	96	168555	77.999	ug/l	88
28) Bromochloromethane	7.812	49	73931	53.924	ug/l	86
29) Tetrahydrofuran	7.841	42	206699	239.202	ug/l	90
30) Chloroform	7.965	83	179832	51.596	ug/l	100
31) Cyclohexane	8.253	56	141320	42.862	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	165483	50.160	ug/l	97
36) 1,1-Dichloropropene	8.371	75	120728	46.442	ug/l	100
37) Ethyl Acetate	7.559	43	121369	41.698	ug/l #	93
38) Carbon Tetrachloride	8.359	117	141814	48.435	ug/l	97
39) Methylcyclohexane	9.600	83	139701	43.753	ug/l	93
40) Benzene	8.606	78	375110	48.438	ug/l	99

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41) Methacrylonitrile	7.777	41	73478	44.399	ug/l	95
42) 1,2-Dichloroethane	8.671	62	142868	50.644	ug/l	99
43) Isopropyl Acetate	8.688	43	228291	44.898	ug/l	95
44) Trichloroethene	9.353	130	144058	78.153	ug/l	91
45) 1,2-Dichloropropane	9.624	63	91635	49.849	ug/l	100
46) Dibromomethane	9.706	93	66659	50.662	ug/l	98
47) Bromodichloromethane	9.888	83	144500	48.911	ug/l #	96
48) Methyl methacrylate	9.683	41	108780	45.205	ug/l	94
49) 1,4-Dioxane	9.700	88	39013	898.645	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	659784	239.712	ug/l	94
52) Toluene	10.630	92	236884	48.412	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	143147	47.170	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	145717	45.143	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	88463	50.449	ug/l	95
56) Ethyl methacrylate	10.877	69	154507	46.740	ug/l	89
57) 1,3-Dichloropropane	11.165	76	156816	50.173	ug/l	99
59) 2-Hexanone	11.194	43	502054	235.776	ug/l	94
60) Dibromochloromethane	11.359	129	104050	49.078	ug/l	99
61) 1,2-Dibromoethane	11.471	107	88845	48.231	ug/l	97
64) Tetrachloroethene	11.100	164	178373	110.678	ug/l	94
65) Chlorobenzene	11.888	112	250043	46.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	89790	47.342	ug/l	99
67) Ethyl Benzene	11.965	91	466061	47.243	ug/l	99
68) m/p-Xylenes	12.071	106	349373	94.541	ug/l	96
69) o-Xylene	12.400	106	170193	46.696	ug/l	100
70) Styrene	12.412	104	286849	46.860	ug/l	98
71) Bromoform	12.576	173	67521	46.993	ug/l #	99
73) Isopropylbenzene	12.694	105	435341	41.310	ug/l	100
74) N-amyl acetate	12.494	43	191660	37.182	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	137690	46.196	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	118226m	42.755	ug/l	
77) Bromobenzene	12.982	156	100547	42.951	ug/l	96
78) n-propylbenzene	13.035	91	505665	41.671	ug/l	99
79) 2-Chlorotoluene	13.124	91	324625	42.196	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	369565	41.888	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	44063	34.662	ug/l	99
82) 4-Chlorotoluene	13.223	91	317627	41.160	ug/l	99
83) tert-Butylbenzene	13.435	119	330186	42.259	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	380192	42.760	ug/l	98
85) sec-Butylbenzene	13.618	105	442449	41.500	ug/l	99
86) p-Isopropyltoluene	13.729	119	370277	42.063	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	193589	43.948	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	193302	43.529	ug/l	98
89) n-Butylbenzene	14.059	91	309015	40.513	ug/l	98
90) Hexachloroethane	14.335	117	71843	42.244	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	195984	45.978	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	29691	41.051	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	99260	41.565	ug/l	99
94) Hexachlorobutadiene	15.500	225	41557	39.130	ug/l	97
95) Naphthalene	15.641	128	344717	40.751	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	97577	41.295	ug/l	98

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

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