

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012324\
 Data File : VN080755.D
 Acq On : 23 Jan 2024 11:19
 Operator : JC\MD
 Sample : VN0123WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0123WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2024
 Supervised By : Mahesh Dadoda 01/24/2024

Quant Time: Jan 24 01:55:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121874	45.580	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.160%		
35) Dibromofluoromethane	8.165	113	88814	50.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.720%		
50) Toluene-d8	10.565	98	358157	53.258	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.520%		
62) 4-Bromofluorobenzene	12.847	95	118733	46.040	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40887	16.529	ug/l	98
3) Chloromethane	2.360	50	60959	21.745	ug/l	98
4) Vinyl Chloride	2.512	62	46511	20.724	ug/l	95
5) Bromomethane	2.954	94	18776	22.011	ug/l	93
6) Chloroethane	3.130	64	26882	22.152	ug/l	90
7) Trichlorofluoromethane	3.501	101	62110	16.758	ug/l	100
8) Diethyl Ether	3.954	74	30203	18.647	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	36805	18.219	ug/l	94
10) Methyl Iodide	4.583	142	27800	16.458	ug/l	89
11) Tert butyl alcohol	5.518	59	36037	79.692	ug/l	97
12) 1,1-Dichloroethene	4.342	96	37803	16.629	ug/l #	75
13) Acrolein	4.177	56	33559	88.819	ug/l	94
14) Allyl chloride	5.018	41	78022	17.314	ug/l #	88
15) Acrylonitrile	5.718	53	109756	92.946	ug/l	98
16) Acetone	4.418	43	74716	85.113	ug/l #	84
17) Carbon Disulfide	4.712	76	115143	16.560	ug/l	98
18) Methyl Acetate	5.012	43	51584	19.733	ug/l #	83
19) Methyl tert-butyl Ether	5.789	73	141302	18.038	ug/l	92
20) Methylene Chloride	5.271	84	45107	17.601	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	42425	18.399	ug/l #	82
22) Diisopropyl ether	6.671	45	179215	21.090	ug/l #	87
23) Vinyl Acetate	6.600	43	674132	97.470	ug/l #	80
24) 1,1-Dichloroethane	6.565	63	89949	19.337	ug/l	97
25) 2-Butanone	7.483	43	143068	90.162	ug/l #	82
26) 2,2-Dichloropropane	7.483	77	74843	18.397	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	49536	19.488	ug/l	76
28) Bromochloromethane	7.812	49	42750	19.658	ug/l #	59
29) Tetrahydrofuran	7.841	42	101029	94.461	ug/l #	71
30) Chloroform	7.965	83	83613	19.174	ug/l	96
31) Cyclohexane	8.259	56	82161	19.889	ug/l #	77
32) 1,1,1-Trichloroethane	8.165	97	68594	17.671	ug/l	94
36) 1,1-Dichloropropene	8.371	75	63834	17.669	ug/l	92
37) Ethyl Acetate	7.559	43	61413	17.530	ug/l #	90
38) Carbon Tetrachloride	8.365	117	54792	16.891	ug/l	95
39) Methylcyclohexane	9.600	83	65932	19.070	ug/l #	70
40) Benzene	8.606	78	201198	19.810	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	34400	16.929	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	64865	16.683	ug/l	96
43) Isopropyl Acetate	8.688	43	117439	18.237	ug/l #	87
44) Trichloroethene	9.353	130	41625	18.104	ug/l	93
45) 1,2-Dichloropropane	9.624	63	55700	20.686	ug/l	90
46) Dibromomethane	9.706	93	31693	18.604	ug/l	93
47) Bromodichloromethane	9.888	83	66718	17.645	ug/l	97
48) Methyl methacrylate	9.677	41	55092	18.070	ug/l #	75
49) 1,4-Dioxane	9.700	88	13385	352.347	ug/l #	83
51) 4-Methyl-2-Pentanone	10.441	43	317294	91.333	ug/l #	86
52) Toluene	10.630	92	113136	19.443	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	73210	17.444	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	81890	18.400	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	42233	18.856	ug/l #	84
56) Ethyl methacrylate	10.871	69	71474	17.817	ug/l #	76
57) 1,3-Dichloropropane	11.165	76	80538	19.697	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	166898	86.860	ug/l #	82
59) 2-Hexanone	11.194	43	237300	92.529	ug/l	84
60) Dibromochloromethane	11.365	129	40487	17.589	ug/l	98
61) 1,2-Dibromoethane	11.471	107	38679	17.568	ug/l	96
64) Tetrachloroethene	11.106	164	33781	18.791	ug/l	92
65) Chlorobenzene	11.894	112	110081	19.247	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	36491	17.970	ug/l	94
67) Ethyl Benzene	11.965	91	212161	19.427	ug/l	89
68) m/p-Xylenes	12.071	106	154217	40.166	ug/l	94
69) o-Xylene	12.400	106	75771	20.184	ug/l	92
70) Styrene	12.412	104	123626	19.393	ug/l	97
71) Bromoform	12.582	173	24411	17.474	ug/l #	97
73) Isopropylbenzene	12.694	105	185014	19.785	ug/l	99
74) N-amyl acetate	12.494	43	105893	18.869	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.935	83	56216	18.326	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	54078m	17.833	ug/l	
77) Bromobenzene	12.976	156	36517	18.385	ug/l	70
78) n-propylbenzene	13.035	91	221409	19.301	ug/l	95
79) 2-Chlorotoluene	13.124	91	136676	18.591	ug/l	94
80) 1,3,5-Trimethylbenzene	13.171	105	148534	19.059	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	21438	16.666	ug/l #	82
82) 4-Chlorotoluene	13.224	91	130670	18.130	ug/l	93
83) tert-Butylbenzene	13.441	119	119364	19.159	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	151130	19.721	ug/l	97
85) sec-Butylbenzene	13.618	105	176011	19.883	ug/l	94
86) p-Isopropyltoluene	13.729	119	136899	19.581	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	69781	19.670	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	67464	18.667	ug/l	96
89) n-Butylbenzene	14.059	91	131248	19.476	ug/l	97
90) Hexachloroethane	14.335	117	22658	17.475	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	64853	19.400	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10801	15.123	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	31129	17.879	ug/l	100
94) Hexachlorobutadiene	15.506	225	14879	17.808	ug/l	98
95) Naphthalene	15.641	128	114305	16.682	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	29498	17.504	ug/l	90

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

