

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080457.D
 Acq On : 13 Dec 2023 13:19
 Operator : JC\MD
 Sample : VN1213WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

Quant Time: Dec 14 04:05:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	298732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	465232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	411156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	201410	52.787	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.580%			
35) Dibromofluoromethane	8.165	113	152655	51.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.500%			
50) Toluene-d8	10.565	98	567294	51.567	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.853	95	198859	47.604	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	72056	18.875	ug/l	100
3) Chloromethane	2.359	50	69327	17.078	ug/l	98
4) Vinyl Chloride	2.518	62	55228	16.940	ug/l	99
5) Bromomethane	2.959	94	26304	17.895	ug/l	95
6) Chloroethane	3.124	64	35456	16.925	ug/l	100
7) Trichlorofluoromethane	3.500	101	122994	18.600	ug/l	99
8) Diethyl Ether	3.953	74	36532	17.540	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	56630	18.068	ug/l	92
10) Methyl Iodide	4.594	142	43971	15.950	ug/l	97
11) Tert butyl alcohol	5.500	59	41693m	92.783	ug/l	
12) 1,1-Dichloroethene	4.336	96	55519	17.288	ug/l	93
13) Acrolein	4.171	56	43964	89.337	ug/l	97
14) Allyl chloride	5.024	41	74776	18.819	ug/l	96
15) Acrylonitrile	5.718	53	115033	90.599	ug/l	98
16) Acetone	4.424	43	92966	137.416	ug/l	99
17) Carbon Disulfide	4.706	76	151462	16.642	ug/l	98
18) Methyl Acetate	5.024	43	79624	18.291	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	198661	18.542	ug/l	95
20) Methylene Chloride	5.283	84	63744	17.606	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	61435	17.643	ug/l	91
22) Diisopropyl ether	6.665	45	160542	18.721	ug/l	95
23) Vinyl Acetate	6.606	43	428908	87.082	ug/l	93
24) 1,1-Dichloroethane	6.571	63	110517	18.471	ug/l	99
25) 2-Butanone	7.483	43	135042	103.617	ug/l	94
26) 2,2-Dichloropropane	7.488	77	111074	18.155	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	70661	17.927	ug/l	89
28) Bromochloromethane	7.806	49	39369	17.137	ug/l	96
29) Tetrahydrofuran	7.835	42	84716	90.775	ug/l	94
30) Chloroform	7.965	83	123516	18.598	ug/l	90
31) Cyclohexane	8.253	56	88625	17.080	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	120558	18.540	ug/l	98
36) 1,1-Dichloropropene	8.371	75	89260	18.507	ug/l	97
37) Ethyl Acetate	7.559	43	55950	18.525	ug/l	99
38) Carbon Tetrachloride	8.365	117	107563	18.664	ug/l	98
39) Methylcyclohexane	9.600	83	86971	17.358	ug/l	95
40) Benzene	8.606	78	256124	18.390	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32759	18.814	ug/l	92
42) 1,2-Dichloroethane	8.671	62	102601	19.894	ug/l	97
43) Isopropyl Acetate	8.688	43	98290	18.100	ug/l	98
44) Trichloroethene	9.353	130	66895	17.817	ug/l	97
45) 1,2-Dichloropropane	9.624	63	58940	18.019	ug/l	100
46) Dibromomethane	9.712	93	44590	18.982	ug/l	92
47) Bromodichloromethane	9.888	83	96067	19.082	ug/l	99
48) Methyl methacrylate	9.682	41	57958	17.885	ug/l	90
49) 1,4-Dioxane	9.694	88	18057	367.617	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	277045	92.634	ug/l	99
52) Toluene	10.629	92	163980	18.638	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	101105	18.561	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	106032	18.212	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	61283	19.358	ug/l	96
56) Ethyl methacrylate	10.876	69	63096	18.002	ug/l	93
57) 1,3-Dichloropropane	11.165	76	104444	18.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	179696	81.211	ug/l	99
59) 2-Hexanone	11.194	43	206574	93.561	ug/l	100
60) Dibromochloromethane	11.359	129	71623	19.092	ug/l	99
61) 1,2-Dibromoethane	11.470	107	61725	18.838	ug/l	96
64) Tetrachloroethene	11.106	164	55757	17.564	ug/l	98
65) Chlorobenzene	11.894	112	169375	18.518	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	66329	18.482	ug/l	94
67) Ethyl Benzene	11.965	91	305584	18.170	ug/l	97
68) m/p-Xylenes	12.070	106	227480	36.605	ug/l	89
69) o-Xylene	12.400	106	110283	18.143	ug/l	89
70) Styrene	12.412	104	161349	18.428	ug/l	92
71) Bromoform	12.582	173	47307	18.076	ug/l #	98
73) Isopropylbenzene	12.694	105	285682	18.669	ug/l	99
74) N-amyl acetate	12.494	43	80138	17.934	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	75248	18.351	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	71641m	18.852	ug/l	
77) Bromobenzene	12.982	156	70348	18.688	ug/l	96
78) n-propylbenzene	13.035	91	316086	18.735	ug/l	100
79) 2-Chlorotoluene	13.123	91	206927	18.786	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	247015	18.743	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	25689	17.749	ug/l #	80
82) 4-Chlorotoluene	13.223	91	205043	18.110	ug/l	97
83) tert-Butylbenzene	13.441	119	200846	18.608	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	245603	18.733	ug/l	98
85) sec-Butylbenzene	13.617	105	252050	18.256	ug/l	99
86) p-Isopropyltoluene	13.729	119	225275	18.070	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	116725	17.599	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	117231	17.510	ug/l	96
89) n-Butylbenzene	14.059	91	181591	17.443	ug/l	99
90) Hexachloroethane	14.335	117	37561	18.972	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	113148	17.966	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16449	19.071	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	63879	18.268	ug/l	99
94) Hexachlorobutadiene	15.500	225	32628	16.390	ug/l	99
95) Naphthalene	15.641	128	186356	17.551	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61008	18.080	ug/l	100

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

