

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079915.D
 Acq On : 06 Nov 2023 11:57
 Operator : JC\MD
 Sample : VN1106WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 07 04:01:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	324693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	561106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	508495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	284771	57.567	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.140%			
35) Dibromofluoromethane	8.165	113	217562	54.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.560%			
50) Toluene-d8	10.571	98	823753	56.345	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.700%			
62) 4-Bromofluorobenzene	12.853	95	282536	58.271	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	81314	20.791	ug/l	97
3) Chloromethane	2.359	50	95995	18.868	ug/l	97
4) Vinyl Chloride	2.512	62	115667	22.594	ug/l	96
5) Bromomethane	2.954	94	64737	20.812	ug/l	99
6) Chloroethane	3.118	64	71372	17.644	ug/l	96
7) Trichlorofluoromethane	3.501	101	133806	21.014	ug/l	93
8) Diethyl Ether	3.965	74	48071	19.894	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	76854	20.821	ug/l	99
10) Methyl Iodide	4.589	142	79920	18.960	ug/l	98
11) Tert butyl alcohol	5.524	59	54338	86.049	ug/l	99
12) 1,1-Dichloroethene	4.342	96	69339	19.840	ug/l #	79
13) Acrolein	4.177	56	55133	100.197	ug/l	93
14) Allyl chloride	5.024	41	113548	21.212	ug/l #	90
15) Acrylonitrile	5.724	53	203210	103.262	ug/l	98
16) Acetone	4.430	43	209364	120.489	ug/l	91
17) Carbon Disulfide	4.712	76	188877	18.736	ug/l	98
18) Methyl Acetate	5.024	43	172695	20.773	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	253695	21.084	ug/l	94
20) Methylene Chloride	5.277	84	90113	20.553	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	79255	20.333	ug/l #	77
22) Diisopropyl ether	6.677	45	291626	23.508	ug/l #	88
23) Vinyl Acetate	6.606	43	719571	105.160	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	165839	21.995	ug/l	97
25) 2-Butanone	7.483	43	283791	111.532	ug/l #	79
26) 2,2-Dichloropropane	7.489	77	136067	21.821	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	99450	21.329	ug/l	88
28) Bromochloromethane	7.818	49	90087	24.517	ug/l #	73
29) Tetrahydrofuran	7.841	42	175247	105.859	ug/l #	76
30) Chloroform	7.971	83	172678	21.084	ug/l	96
31) Cyclohexane	8.265	56	132056	20.202	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	146871	22.009	ug/l	95
36) 1,1-Dichloropropene	8.377	75	122807	21.658	ug/l	95
37) Ethyl Acetate	7.565	43	118335	22.755	ug/l #	90
38) Carbon Tetrachloride	8.365	117	126552	22.145	ug/l	98
39) Methylcyclohexane	9.600	83	105021	19.680	ug/l #	83
40) Benzene	8.606	78	369959	21.783	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63087	22.845	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	136166	22.953	ug/l	98
43) Isopropyl Acetate	8.694	43	184083	20.185	ug/l #	91
44) Trichloroethene	9.353	130	89023	21.124	ug/l	100
45) 1,2-Dichloropropane	9.624	63	99129	22.840	ug/l	99
46) Dibromomethane	9.712	93	64622	21.806	ug/l	95
47) Bromodichloromethane	9.894	83	135587	21.453	ug/l	100
48) Methyl methacrylate	9.682	41	87789	21.977	ug/l #	80
49) 1,4-Dioxane	9.694	88	27865	394.775	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	580835	113.126	ug/l	89
52) Toluene	10.635	92	222394	22.088	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	133398	21.530	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	149794	22.180	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	89977	22.218	ug/l	96
56) Ethyl methacrylate	10.877	69	121814	21.088	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	157245	22.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	276526	94.450	ug/l	89
59) 2-Hexanone	11.200	43	416679	106.084	ug/l	89
60) Dibromochloromethane	11.365	129	94550	21.812	ug/l	100
61) 1,2-Dibromoethane	11.471	107	85648	21.071	ug/l	98
64) Tetrachloroethene	11.106	164	79499	24.140	ug/l	97
65) Chlorobenzene	11.894	112	231183	20.959	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	85701	21.565	ug/l	97
67) Ethyl Benzene	11.965	91	414484	21.568	ug/l	96
68) m/p-Xylenes	12.076	106	308065	43.033	ug/l	93
69) o-Xylene	12.400	106	143469	20.812	ug/l	90
70) Styrene	12.412	104	245084	22.122	ug/l	97
71) Bromoform	12.582	173	62508	22.151	ug/l #	96
73) Isopropylbenzene	12.700	105	368038	20.840	ug/l	99
74) N-amyl acetate	12.500	43	142432	18.477	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	124700	19.915	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	116320m	21.292	ug/l	
77) Bromobenzene	12.982	156	93854	21.706	ug/l	96
78) n-propylbenzene	13.041	91	435658	21.542	ug/l	98
79) 2-Chlorotoluene	13.129	91	275016	21.287	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	305898	22.263	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	36808	18.331	ug/l #	83
82) 4-Chlorotoluene	13.223	91	277412	21.608	ug/l	97
83) tert-Butylbenzene	13.441	119	234242	20.827	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	304487	22.523	ug/l	99
85) sec-Butylbenzene	13.618	105	334500	21.466	ug/l	99
86) p-Isopropyltoluene	13.729	119	266542	20.980	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	164890	20.500	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	164294	20.123	ug/l	98
89) n-Butylbenzene	14.059	91	219998	20.105	ug/l	97
90) Hexachloroethane	14.335	117	52102	20.708	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	159834	21.050	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22451	21.143	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	70353	19.486	ug/l	98
94) Hexachlorobutadiene	15.506	225	33902	20.714	ug/l	99
95) Naphthalene	15.647	128	203663	16.634	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	68454	19.342	ug/l	99

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

