

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080306.D
 Acq On : 29 Nov 2023 13:09
 Operator : JC\MD
 Sample : VN1129WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2023
 Supervised By : Mahesh Dadoda 11/30/2023

Quant Time: Nov 30 04:43:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	223869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	352873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	320612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179328	48.514	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.020%		
35) Dibromofluoromethane	8.165	113	130317	50.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.100%		
50) Toluene-d8	10.565	98	463777	49.412	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.820%		
62) 4-Bromofluorobenzene	12.847	95	170415	48.069	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	58040	17.405	ug/l	97
3) Chloromethane	2.365	50	43079	17.183	ug/l	96
4) Vinyl Chloride	2.518	62	46524	17.535	ug/l	97
5) Bromomethane	2.959	94	33501	18.600	ug/l	97
6) Chloroethane	3.124	64	32231	18.548	ug/l	96
7) Trichlorofluoromethane	3.500	101	102014	18.432	ug/l	96
8) Diethyl Ether	3.965	74	30640	19.035	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.377	101	46260	18.286	ug/l	93
10) Methyl Iodide	4.600	142	48966	17.910	ug/l	92
11) Tert butyl alcohol	5.506	59	33017	81.224	ug/l	99
12) 1,1-Dichloroethene	4.341	96	41854	17.689	ug/l	82
13) Acrolein	4.177	56	33454	92.995	ug/l	100
14) Allyl chloride	5.024	41	55648	18.693	ug/l	96
15) Acrylonitrile	5.718	53	101641	93.142	ug/l	98
16) Acetone	4.424	43	95564	76.972	ug/l	92
17) Carbon Disulfide	4.718	76	109709	15.528	ug/l	99
18) Methyl Acetate	5.024	43	71851	18.012	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	161855	19.370	ug/l	96
20) Methylene Chloride	5.277	84	52007	20.003	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	47500	18.273	ug/l #	82
22) Diisopropyl ether	6.677	45	130682	19.841	ug/l	95
23) Vinyl Acetate	6.600	43	343561	86.766	ug/l	95
24) 1,1-Dichloroethane	6.571	63	88336	18.415	ug/l	99
25) 2-Butanone	7.482	43	113407	76.881	ug/l	88
26) 2,2-Dichloropropane	7.488	77	85204	17.903	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	55425	18.807	ug/l	85
28) Bromochloromethane	7.812	49	39671	21.036	ug/l	98
29) Tetrahydrofuran	7.841	42	70415	88.914	ug/l	94
30) Chloroform	7.965	83	106282	19.822	ug/l	96
31) Cyclohexane	8.259	56	67570	16.809	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	100057	19.136	ug/l	97
36) 1,1-Dichloropropene	8.371	75	72695	19.284	ug/l	93
37) Ethyl Acetate	7.559	43	44464	17.005	ug/l	97
38) Carbon Tetrachloride	8.359	117	90964	19.015	ug/l	96
39) Methylcyclohexane	9.606	83	60496	16.644	ug/l	92
40) Benzene	8.606	78	207357	19.354	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27445	19.113	ug/l	92
42) 1,2-Dichloroethane	8.671	62	87527	19.968	ug/l	97
43) Isopropyl Acetate	8.688	43	81003	15.919	ug/l	96
44) Trichloroethene	9.353	130	55309	19.680	ug/l	98
45) 1,2-Dichloropropane	9.623	63	49292	19.797	ug/l	98
46) Dibromomethane	9.712	93	36484	19.358	ug/l #	87
47) Bromodichloromethane	9.888	83	85226	20.557	ug/l	99
48) Methyl methacrylate	9.682	41	47482	18.108	ug/l	93
49) 1,4-Dioxane	9.700	88	14633	335.437	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	239148	90.781	ug/l	98
52) Toluene	10.635	92	131704	19.643	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	82589	19.389	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	85164	19.570	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	51977	20.311	ug/l	89
56) Ethyl methacrylate	10.876	69	50532	19.329	ug/l	90
57) 1,3-Dichloropropane	11.165	76	87438	19.570	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	130411	88.544	ug/l	100
59) 2-Hexanone	11.194	43	174192	82.288	ug/l	96
60) Dibromochloromethane	11.359	129	62304	20.336	ug/l	99
61) 1,2-Dibromoethane	11.470	107	51483	19.720	ug/l	98
64) Tetrachloroethene	11.106	164	56204	22.970	ug/l	98
65) Chlorobenzene	11.894	112	139743	19.235	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	58249	20.661	ug/l	93
67) Ethyl Benzene	11.964	91	242825	18.784	ug/l	95
68) m/p-Xylenes	12.070	106	183457	38.922	ug/l	91
69) o-Xylene	12.400	106	89858	20.229	ug/l	95
70) Styrene	12.412	104	131182	19.842	ug/l	93
71) Bromoform	12.576	173	41090	19.654	ug/l #	97
73) Isopropylbenzene	12.694	105	226070	19.025	ug/l	99
74) N-amyl acetate	12.494	43	60048	16.205	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	64269	18.071	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	62006m	16.549	ug/l	
77) Bromobenzene	12.982	156	57507	19.195	ug/l	95
78) n-propylbenzene	13.035	91	247323	18.613	ug/l	100
79) 2-Chlorotoluene	13.123	91	166824	19.330	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	198473	19.188	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19094	17.218	ug/l	87
82) 4-Chlorotoluene	13.223	91	169757	19.201	ug/l	95
83) tert-Butylbenzene	13.441	119	153043	18.450	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	197793	19.419	ug/l	96
85) sec-Butylbenzene	13.617	105	197139	18.787	ug/l	98
86) p-Isopropyltoluene	13.729	119	184018	19.631	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	102676	19.023	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	98751	18.205	ug/l	95
89) n-Butylbenzene	14.058	91	144045	18.359	ug/l	99
90) Hexachloroethane	14.335	117	32470	17.768	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	96849	18.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14257	17.259	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	50772	16.901	ug/l	99
94) Hexachlorobutadiene	15.500	225	29789	17.231	ug/l	98
95) Naphthalene	15.641	128	126222	14.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	45653	16.213	ug/l	92

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

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