

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112923\
 Data File : VN080305.D
 Acq On : 29 Nov 2023 12:33
 Operator : JC\MD
 Sample : VN1129WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 30 04:43:09 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	254229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	406773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	197418	47.030	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.060%		
35) Dibromofluoromethane	8.165	113	148447	49.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.920%		
50) Toluene-d8	10.565	98	534262	49.379	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.760%		
62) 4-Bromofluorobenzene	12.847	95	192681	47.148	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	64657	17.074	ug/l	100
3) Chloromethane	2.365	50	45428	15.956	ug/l	97
4) Vinyl Chloride	2.518	62	53198	17.656	ug/l	95
5) Bromomethane	2.965	94	34880	17.053	ug/l	98
6) Chloroethane	3.124	64	40444	20.647	ug/l	91
7) Trichlorofluoromethane	3.506	101	111269	17.703	ug/l	97
8) Diethyl Ether	3.959	74	30572	16.725	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	50837	17.696	ug/l	92
10) Methyl Iodide	4.589	142	50690	16.327	ug/l #	81
11) Tert butyl alcohol	5.512	59	31553	68.353	ug/l	99
12) 1,1-Dichloroethene	4.341	96	45996	17.118	ug/l #	81
13) Acrolein	4.183	56	32065	78.489	ug/l	97
14) Allyl chloride	5.024	41	61372	18.154	ug/l	98
15) Acrylonitrile	5.718	53	101798	82.146	ug/l	99
16) Acetone	4.430	43	94566	67.072	ug/l	92
17) Carbon Disulfide	4.712	76	119828	14.935	ug/l	97
18) Methyl Acetate	5.024	43	74636	16.476	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	167352	17.636	ug/l	96
20) Methylene Chloride	5.283	84	53987	18.285	ug/l	95
21) trans-1,2-Dichloroethene	5.788	96	51940	17.595	ug/l #	82
22) Diisopropyl ether	6.671	45	139071	18.594	ug/l #	91
23) Vinyl Acetate	6.606	43	366792	81.571	ug/l	93
24) 1,1-Dichloroethane	6.571	63	97989	17.987	ug/l	96
25) 2-Butanone	7.482	43	118143	70.527	ug/l	88
26) 2,2-Dichloropropane	7.488	77	95879	17.740	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	60230	17.997	ug/l	88
28) Bromochloromethane	7.818	49	42508	19.848	ug/l	99
29) Tetrahydrofuran	7.835	42	72386	80.488	ug/l	93
30) Chloroform	7.965	83	113306	18.609	ug/l	90
31) Cyclohexane	8.265	56	73734	16.152	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	107320	18.074	ug/l	97
36) 1,1-Dichloropropene	8.377	75	75597	17.397	ug/l	97
37) Ethyl Acetate	7.559	43	50325	16.696	ug/l	96
38) Carbon Tetrachloride	8.359	117	97445	17.671	ug/l	100
39) Methylcyclohexane	9.600	83	68415	16.328	ug/l #	88
40) Benzene	8.606	78	223085	18.063	ug/l	99

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41) Methacrylonitrile	7.777	41	27881	16.843	ug/l	96
42) 1,2-Dichloroethane	8.671	62	92048	18.217	ug/l	95
43) Isopropyl Acetate	8.688	43	82586	14.080	ug/l	97
44) Trichloroethene	9.353	130	58872	18.172	ug/l	99
45) 1,2-Dichloropropane	9.618	63	52595	18.325	ug/l	98
46) Dibromomethane	9.706	93	39150	18.020	ug/l	92
47) Bromodichloromethane	9.888	83	89413	18.709	ug/l	96
48) Methyl methacrylate	9.682	41	50270	16.631	ug/l	89
49) 1,4-Dioxane	9.700	88	14849	295.285	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	248128	81.709	ug/l	97
52) Toluene	10.629	92	142262	18.406	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	84480	17.205	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	89880	17.917	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	56597	19.185	ug/l	94
56) Ethyl methacrylate	10.876	69	51932	17.232	ug/l	93
57) 1,3-Dichloropropane	11.165	76	94638	18.374	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	128998	75.979	ug/l	99
59) 2-Hexanone	11.194	43	178603	73.192	ug/l	99
60) Dibromochloromethane	11.359	129	67060	18.988	ug/l	95
61) 1,2-Dibromoethane	11.470	107	53426	17.752	ug/l	97
64) Tetrachloroethene	11.106	164	60562	21.996	ug/l	96
65) Chlorobenzene	11.894	112	147610	18.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	59873	18.873	ug/l	94
67) Ethyl Benzene	11.965	91	265760	18.269	ug/l	96
68) m/p-Xylenes	12.070	106	198354	37.397	ug/l	89
69) o-Xylene	12.400	106	95274	19.060	ug/l	90
70) Styrene	12.412	104	136535	18.352	ug/l #	91
71) Bromoform	12.582	173	43508	18.493	ug/l #	99
73) Isopropylbenzene	12.694	105	248316	18.603	ug/l	98
74) N-amyl acetate	12.494	43	61662	14.814	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	66200	16.571	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	72121m	17.136	ug/l	
77) Bromobenzene	12.982	156	61996	18.422	ug/l	96
78) n-propylbenzene	13.035	91	274535	18.393	ug/l	100
79) 2-Chlorotoluene	13.129	91	181639	18.737	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	217178	18.691	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	20658	16.583	ug/l	91
82) 4-Chlorotoluene	13.223	91	181863	18.312	ug/l	97
83) tert-Butylbenzene	13.441	119	171734	18.431	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	215015	18.793	ug/l	98
85) sec-Butylbenzene	13.617	105	221408	18.783	ug/l	100
86) p-Isopropyltoluene	13.729	119	194648	18.486	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	106543	17.572	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	106515	17.481	ug/l	95
89) n-Butylbenzene	14.059	91	153346	17.399	ug/l	100
90) Hexachloroethane	14.335	117	36494	17.778	ug/l	75
91) 1,2-Dichlorobenzene	14.106	146	103717	17.876	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13947	15.030	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	51917	15.385	ug/l	99
94) Hexachlorobutadiene	15.500	225	30908	15.916	ug/l	96
95) Naphthalene	15.641	128	121922	12.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	47597	15.048	ug/l	99

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

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