

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111124\
 Data File : VN084769.D
 Acq On : 11 Nov 2024 14:06
 Operator : JC\MD
 Sample : VN1111WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2024
 Supervised By : Mahesh Dadoda 11/12/2024

Quant Time: Nov 12 00:30:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	168331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	129321	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113397	46.641	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.280%
35) Dibromofluoromethane	8.165	113	90978	48.689	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	10.565	98	333596	48.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.847	95	129173	50.214	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	30960	15.999	ug/l	92
3) Chloromethane	2.359	50	34232	13.222	ug/l	92
4) Vinyl Chloride	2.512	62	33565	16.127	ug/l	98
5) Bromomethane	2.901	94	19026	17.253	ug/l	99
6) Chloroethane	3.071	64	22580	16.594	ug/l	95
7) Trichlorofluoromethane	3.465	101	59707	17.415	ug/l	98
8) Diethyl Ether	3.953	74	20638	17.064	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.347	101	34692	17.907	ug/l	97
10) Methyl Iodide	4.577	142	45547	17.591	ug/l	98
11) Tert butyl alcohol	5.536	59	28762	89.623	ug/l	98
12) 1,1-Dichloroethene	4.324	96	30991	16.167	ug/l	97
13) Acrolein	4.171	56	23281	72.750	ug/l	99
14) Allyl chloride	5.012	41	50477	16.237	ug/l	93
15) Acrylonitrile	5.712	53	81152	87.349	ug/l	97
16) Acetone	4.430	43	66816	93.351	ug/l	99
17) Carbon Disulfide	4.700	76	83488	14.143	ug/l	99
18) Methyl Acetate	5.024	43	43723	14.184	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	105991	18.039	ug/l	95
20) Methylene Chloride	5.265	84	37401	17.491	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	31467	15.986	ug/l	99
22) Diisopropyl ether	6.665	45	108244	17.523	ug/l	96
23) Vinyl Acetate	6.594	43	367953	86.376	ug/l	99
24) 1,1-Dichloroethane	6.559	63	65162	17.570	ug/l	96
25) 2-Butanone	7.483	43	98694	87.011	ug/l	92
26) 2,2-Dichloropropane	7.488	77	58631	18.164	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	39661	17.256	ug/l	95
28) Bromochloromethane	7.812	49	33725	22.825	ug/l	88
29) Tetrahydrofuran	7.841	42	64535	85.762	ug/l	93
30) Chloroform	7.959	83	67595	17.907	ug/l	99
31) Cyclohexane	8.253	56	55130	16.424	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	61402	17.872	ug/l	97
36) 1,1-Dichloropropene	8.365	75	44607	17.213	ug/l	99
37) Ethyl Acetate	7.559	43	41478	17.641	ug/l	98
38) Carbon Tetrachloride	8.359	117	54755	18.903	ug/l	97
39) Methylcyclohexane	9.600	83	47024	17.837	ug/l	97
40) Benzene	8.600	78	146291	17.578	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	22119	17.494	ug/l	91
42) 1,2-Dichloroethane	8.665	62	48432	17.969	ug/l	100
43) Isopropyl Acetate	8.688	43	73071	16.169	ug/l	96
44) Trichloroethene	9.353	130	35450	18.470	ug/l	93
45) 1,2-Dichloropropane	9.618	63	36769	18.834	ug/l	100
46) Dibromomethane	9.706	93	25326	18.384	ug/l	94
47) Bromodichloromethane	9.888	83	53909	18.565	ug/l #	99
48) Methyl methacrylate	9.677	41	31997	17.486	ug/l	95
49) 1,4-Dioxane	9.700	88	12215	376.695	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	210440	93.887	ug/l	98
52) Toluene	10.629	92	90899	18.675	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	52220	17.373	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	56090	17.631	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	34267	18.690	ug/l	95
56) Ethyl methacrylate	10.871	69	52072	19.635	ug/l #	89
57) 1,3-Dichloropropane	11.159	76	58151	18.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	107908	86.954	ug/l	95
59) 2-Hexanone	11.194	43	155905	95.560	ug/l	98
60) Dibromochloromethane	11.359	129	40894	19.570	ug/l	97
61) 1,2-Dibromoethane	11.465	107	34114	18.170	ug/l	100
64) Tetrachloroethene	11.100	164	29364	17.811	ug/l	94
65) Chlorobenzene	11.888	112	95953	17.305	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	36990	19.179	ug/l	95
67) Ethyl Benzene	11.965	91	161814	17.483	ug/l	99
68) m/p-Xylenes	12.071	106	125863	35.919	ug/l	99
69) o-Xylene	12.400	106	62468	19.057	ug/l	99
70) Styrene	12.412	104	104440	18.264	ug/l	98
71) Bromoform	12.576	173	27320	18.825	ug/l #	95
73) Isopropylbenzene	12.694	105	152918	16.874	ug/l	99
74) N-amyl acetate	12.494	43	61403	15.919	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	50456	16.680	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	42065m	16.272	ug/l	
77) Bromobenzene	12.982	156	39902	16.378	ug/l	92
78) n-propylbenzene	13.035	91	176633	16.633	ug/l	98
79) 2-Chlorotoluene	13.123	91	117842	16.982	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	134354	17.887	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17613m	16.164	ug/l	
82) 4-Chlorotoluene	13.217	91	117134	16.040	ug/l	98
83) tert-Butylbenzene	13.435	119	110533	17.781	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	135654	17.499	ug/l	99
85) sec-Butylbenzene	13.617	105	148482	16.909	ug/l	99
86) p-Isopropyltoluene	13.729	119	126790	17.606	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	74392	15.646	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	74879	16.436	ug/l	99
89) n-Butylbenzene	14.053	91	102319	15.189	ug/l	98
90) Hexachloroethane	14.329	117	25970	16.171	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	73274	16.038	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10323	16.845	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	35525	14.206	ug/l	95
94) Hexachlorobutadiene	15.500	225	17031	15.508	ug/l	97
95) Naphthalene	15.641	128	101990	13.626	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	33980	13.998	ug/l	98

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

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