

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120424\
 Data File : VN085088.D
 Acq On : 04 Dec 2024 12:49
 Operator : JC\MD
 Sample : VN1204WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1204WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

Quant Time: Dec 04 22:03:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	108310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	107683	47.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	8.165	113	87826	51.085	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	10.565	98	304939	49.493	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.847	95	113084	49.080	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30179	16.939	ug/l	99
3) Chloromethane	2.359	50	34414	16.654	ug/l	96
4) Vinyl Chloride	2.512	62	34454	18.554	ug/l	98
5) Bromomethane	2.959	94	19484	18.720	ug/l	99
6) Chloroethane	3.124	64	23020	18.391	ug/l	99
7) Trichlorofluoromethane	3.500	101	63454	20.087	ug/l	98
8) Diethyl Ether	3.965	74	22286	20.728	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	36160	20.183	ug/l	99
10) Methyl Iodide	4.589	142	46222	19.490	ug/l	99
11) Tert butyl alcohol	5.518	59	30193	100.673	ug/l	99
12) 1,1-Dichloroethene	4.336	96	32249	19.284	ug/l	96
13) Acrolein	4.177	56	21174	105.805	ug/l	97
14) Allyl chloride	5.024	41	49478	17.550	ug/l	94
15) Acrylonitrile	5.712	53	90625	106.731	ug/l	99
16) Acetone	4.424	43	77447	118.487	ug/l	96
17) Carbon Disulfide	4.712	76	94608	19.167	ug/l	96
18) Methyl Acetate	5.018	43	45221	20.980	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	114582	20.970	ug/l	99
20) Methylene Chloride	5.277	84	39275	19.691	ug/l	100
21) trans-1,2-Dichloroethene	5.788	96	34883	19.821	ug/l #	87
22) Diisopropyl ether	6.671	45	116191	20.478	ug/l	98
23) Vinyl Acetate	6.600	43	428307	109.417	ug/l	97
24) 1,1-Dichloroethane	6.565	63	67754	19.954	ug/l	97
25) 2-Butanone	7.477	43	117913	110.339	ug/l	96
26) 2,2-Dichloropropane	7.488	77	61605	19.430	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	42679	20.117	ug/l	99
28) Bromochloromethane	7.812	49	26973	21.044	ug/l	97
29) Tetrahydrofuran	7.841	42	75401	113.461	ug/l	99
30) Chloroform	7.965	83	72338	20.027	ug/l	95
31) Cyclohexane	8.253	56	59197	19.801	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	67315	20.624	ug/l	92
36) 1,1-Dichloropropene	8.365	75	47215	20.276	ug/l	98
37) Ethyl Acetate	7.553	43	49774	23.512	ug/l	97
38) Carbon Tetrachloride	8.359	117	58017	21.584	ug/l	92
39) Methylcyclohexane	9.600	83	52573	21.726	ug/l	95
40) Benzene	8.600	78	156497	21.249	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	26948	22.991	ug/l	98
42) 1,2-Dichloroethane	8.665	62	54368	21.578	ug/l	99
43) Isopropyl Acetate	8.682	43	84953	19.319	ug/l	99
44) Trichloroethene	9.347	130	37291	21.787	ug/l	92
45) 1,2-Dichloropropane	9.618	63	38817	21.398	ug/l	100
46) Dibromomethane	9.706	93	27630	21.920	ug/l	99
47) Bromodichloromethane	9.882	83	58300	21.823	ug/l	98
48) Methyl methacrylate	9.676	41	37439	22.880	ug/l	98
49) 1,4-Dioxane	9.688	88	13430	473.265	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	245579	122.269	ug/l	99
52) Toluene	10.629	92	97852	22.443	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	56159	20.967	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	61585	21.674	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	37769	23.256	ug/l	98
56) Ethyl methacrylate	10.870	69	56277	23.714	ug/l	98
57) 1,3-Dichloropropane	11.165	76	63526	22.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	121481	104.357	ug/l	98
59) 2-Hexanone	11.194	43	176157	117.268	ug/l	100
60) Dibromochloromethane	11.359	129	44815	22.579	ug/l	98
61) 1,2-Dibromoethane	11.465	107	37502	22.313	ug/l	100
64) Tetrachloroethene	11.100	164	33137	22.111	ug/l	96
65) Chlorobenzene	11.888	112	103516	20.522	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	38210	21.515	ug/l	98
67) Ethyl Benzene	11.959	91	178166	21.772	ug/l	98
68) m/p-Xylenes	12.065	106	139096	44.646	ug/l	100
69) o-Xylene	12.394	106	65975	22.261	ug/l	98
70) Styrene	12.412	104	111976	22.720	ug/l	98
71) Bromoform	12.576	173	30378	23.044	ug/l #	98
73) Isopropylbenzene	12.694	105	167218	21.885	ug/l	98
74) N-amyl acetate	12.494	43	68255	21.678	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	52197	20.005	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	42277m	21.460	ug/l	
77) Bromobenzene	12.976	156	41459	20.163	ug/l	96
78) n-propylbenzene	13.035	91	198462	22.519	ug/l	100
79) 2-Chlorotoluene	13.123	91	124600	21.179	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	145651	22.716	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18141	20.328	ug/l	98
82) 4-Chlorotoluene	13.217	91	125522	20.495	ug/l	98
83) tert-Butylbenzene	13.435	119	117294	21.262	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	147163	22.298	ug/l	97
85) sec-Butylbenzene	13.611	105	167178	22.433	ug/l	99
86) p-Isopropyltoluene	13.729	119	139031	22.600	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	76144	18.774	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	74494	17.999	ug/l	97
89) n-Butylbenzene	14.053	91	112534	19.670	ug/l	98
90) Hexachloroethane	14.329	117	26511	19.770	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	73263	18.851	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10380	20.573	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	36884	17.469	ug/l	99
94) Hexachlorobutadiene	15.494	225	18535	19.022	ug/l	98
95) Naphthalene	15.635	128	111041	18.465	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35852	17.796	ug/l	95

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

