

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
 Data File : VN085109.D
 Acq On : 05 Dec 2024 12:13
 Operator : JC\MD
 Sample : VN1205WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2024
 Supervised By : Mahesh Dadoda 12/06/2024

Quant Time: Dec 06 00:45:16 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	155083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112120	50.755	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.500%			
35) Dibromofluoromethane	8.165	113	91281	53.069	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.140%			
50) Toluene-d8	10.565	98	313386	50.839	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.847	95	115683	50.183	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30360	17.313	ug/l	99
3) Chloromethane	2.359	50	31913	15.691	ug/l	96
4) Vinyl Chloride	2.512	62	34626	18.944	ug/l	100
5) Bromomethane	2.959	94	23275	22.719	ug/l	91
6) Chloroethane	3.124	64	22144	17.974	ug/l	98
7) Trichlorofluoromethane	3.495	101	63269	20.349	ug/l	96
8) Diethyl Ether	3.959	74	21093	19.932	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	36185	20.519	ug/l	97
10) Methyl Iodide	4.589	142	44849	19.213	ug/l	98
11) Tert butyl alcohol	5.518	59	36643	124.130	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	34085	20.707	ug/l	98
13) Acrolein	4.177	56	25706	130.503	ug/l	97
14) Allyl chloride	5.024	41	49915	17.988	ug/l	95
15) Acrylonitrile	5.718	53	94136	112.636	ug/l	98
16) Acetone	4.424	43	79691	123.867	ug/l	99
17) Carbon Disulfide	4.712	76	93114	19.165	ug/l	98
18) Methyl Acetate	5.024	43	48362	22.897	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	114809	21.347	ug/l	96
20) Methylene Chloride	5.277	84	39370	20.054	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	34725	20.047	ug/l	87
22) Diisopropyl ether	6.671	45	115985	20.768	ug/l	97
23) Vinyl Acetate	6.600	43	413235	107.253	ug/l	97
24) 1,1-Dichloroethane	6.571	63	68608	20.528	ug/l	98
25) 2-Butanone	7.483	43	125240	119.068	ug/l	98
26) 2,2-Dichloropropane	7.488	77	62439	20.007	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	43395	20.781	ug/l	98
28) Bromochloromethane	7.812	49	25132	19.921	ug/l	94
29) Tetrahydrofuran	7.835	42	83201	127.198	ug/l	98
30) Chloroform	7.965	83	74379	20.921	ug/l	95
31) Cyclohexane	8.259	56	57724	19.617	ug/l #	96
32) 1,1,1-Trichloroethane	8.171	97	69274	21.563	ug/l	97
36) 1,1-Dichloropropene	8.371	75	48110	20.650	ug/l	98
37) Ethyl Acetate	7.559	43	52054	24.576	ug/l	98
38) Carbon Tetrachloride	8.359	117	59479	22.117	ug/l	99
39) Methylcyclohexane	9.600	83	51194	21.146	ug/l	98
40) Benzene	8.606	78	158488	21.508	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	26487	22.586	ug/l	95
42) 1,2-Dichloroethane	8.671	62	57630	22.861	ug/l	100
43) Isopropyl Acetate	8.688	43	90350	20.536	ug/l	100
44) Trichloroethene	9.353	130	37390	21.834	ug/l	95
45) 1,2-Dichloropropane	9.618	63	38046	20.963	ug/l	89
46) Dibromomethane	9.706	93	27155	21.532	ug/l	95
47) Bromodichloromethane	9.888	83	59663	22.322	ug/l	97
48) Methyl methacrylate	9.677	41	39316	24.015	ug/l	96
49) 1,4-Dioxane	9.694	88	14280	502.968	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	265267	132.006	ug/l	99
52) Toluene	10.629	92	97234	22.290	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	56874	21.224	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	61868	21.763	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	38744	23.845	ug/l	98
56) Ethyl methacrylate	10.871	69	56618	23.846	ug/l	98
57) 1,3-Dichloropropane	11.159	76	62715	21.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	126501	108.616	ug/l	100
59) 2-Hexanone	11.194	43	197640	131.504	ug/l	99
60) Dibromochloromethane	11.359	129	45949	23.139	ug/l	99
61) 1,2-Dibromoethane	11.471	107	38597	22.953	ug/l	99
64) Tetrachloroethene	11.100	164	35577	24.187	ug/l	98
65) Chlorobenzene	11.888	112	103683	20.943	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	39302	22.548	ug/l	97
67) Ethyl Benzene	11.965	91	176852	22.019	ug/l	99
68) m/p-Xylenes	12.070	106	139860	45.738	ug/l	97
69) o-Xylene	12.394	106	65583	22.547	ug/l	100
70) Styrene	12.406	104	112638	23.286	ug/l	98
71) Bromoform	12.576	173	31136	24.064	ug/l #	97
73) Isopropylbenzene	12.694	105	168063	22.820	ug/l	98
74) N-amyl acetate	12.494	43	70205	23.133	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	54592	21.707	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	45042m	23.720	ug/l	
77) Bromobenzene	12.982	156	41712	21.046	ug/l	96
78) n-propylbenzene	13.035	91	194094	22.849	ug/l	99
79) 2-Chlorotoluene	13.123	91	120826	21.307	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	143402	23.204	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19063	22.162	ug/l	98
82) 4-Chlorotoluene	13.217	91	123005	20.837	ug/l	100
83) tert-Butylbenzene	13.435	119	113181	21.285	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	141767	22.285	ug/l	97
85) sec-Butylbenzene	13.612	105	159215	22.165	ug/l	98
86) p-Isopropyltoluene	13.729	119	132307	22.313	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	76678	19.615	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	74561	18.690	ug/l	97
89) n-Butylbenzene	14.053	91	105188	19.075	ug/l	98
90) Hexachloroethane	14.335	117	26915	20.824	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	73260	19.557	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10795	22.198	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	34923	17.161	ug/l	97
94) Hexachlorobutadiene	15.500	225	17339	18.461	ug/l	99
95) Naphthalene	15.641	128	110224	19.017	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	34864	17.954	ug/l	96

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

