

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
 Data File : VN085110.D
 Acq On : 05 Dec 2024 12:46
 Operator : JC\MD
 Sample : VN1205WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 00:46:19 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	146806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107847	51.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.140%			
35) Dibromofluoromethane	8.165	113	87847	53.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.980%			
50) Toluene-d8	10.565	98	303039	51.488	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.980%			
62) 4-Bromofluorobenzene	12.847	95	113691	51.654	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	28866	17.389	ug/l	94
3) Chloromethane	2.360	50	31298	16.256	ug/l	94
4) Vinyl Chloride	2.512	62	32625	18.856	ug/l	90
5) Bromomethane	2.954	94	22186	22.877	ug/l	95
6) Chloroethane	3.124	64	21528	18.459	ug/l	92
7) Trichlorofluoromethane	3.501	101	60216	20.459	ug/l	98
8) Diethyl Ether	3.959	74	21475	21.437	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	35331	21.164	ug/l	98
10) Methyl Iodide	4.583	142	45126	20.422	ug/l	96
11) Tert butyl alcohol	5.524	59	37272	133.380	ug/l	98
12) 1,1-Dichloroethene	4.336	96	32353	20.763	ug/l	98
13) Acrolein	4.177	56	26075	139.839	ug/l	97
14) Allyl chloride	5.024	41	46383	17.658	ug/l	92
15) Acrylonitrile	5.718	53	96760	122.304	ug/l	99
16) Acetone	4.424	43	78835	129.445	ug/l	97
17) Carbon Disulfide	4.712	76	88197	19.177	ug/l	96
18) Methyl Acetate	5.018	43	47715	23.914	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	115941	22.773	ug/l	98
20) Methylene Chloride	5.277	84	38896	20.929	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	34751	21.193	ug/l	95
22) Diisopropyl ether	6.671	45	113134	21.399	ug/l	98
23) Vinyl Acetate	6.600	43	408758	112.072	ug/l	99
24) 1,1-Dichloroethane	6.565	63	66478	21.012	ug/l	98
25) 2-Butanone	7.483	43	126361	126.907	ug/l	94
26) 2,2-Dichloropropane	7.489	77	57907	19.601	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	41043	20.763	ug/l	99
28) Bromochloromethane	7.812	49	25688	21.509	ug/l	97
29) Tetrahydrofuran	7.836	42	81750	132.026	ug/l	100
30) Chloroform	7.959	83	72464	21.532	ug/l	96
31) Cyclohexane	8.253	56	55461	19.910	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	64658	21.261	ug/l	98
36) 1,1-Dichloropropene	8.371	75	46428	20.871	ug/l	96
37) Ethyl Acetate	7.559	43	49871	24.661	ug/l	99
38) Carbon Tetrachloride	8.365	117	56352	21.946	ug/l	98
39) Methylcyclohexane	9.600	83	50250	21.739	ug/l	98
40) Benzene	8.606	78	151787	21.574	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26102	23.312	ug/l	97
42) 1,2-Dichloroethane	8.671	62	53679	22.302	ug/l	97
43) Isopropyl Acetate	8.689	43	90037	21.434	ug/l	99
44) Trichloroethene	9.347	130	36727	22.462	ug/l	84
45) 1,2-Dichloropropane	9.624	63	38506	22.221	ug/l	96
46) Dibromomethane	9.706	93	27146	22.544	ug/l	99
47) Bromodichloromethane	9.883	83	58582	22.955	ug/l	99
48) Methyl methacrylate	9.683	41	37995	24.307	ug/l	97
49) 1,4-Dioxane	9.694	88	15095	556.848	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	264034	137.614	ug/l	99
52) Toluene	10.630	92	95211	22.859	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	57358	22.418	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	61186	22.542	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	37514	24.181	ug/l	92
56) Ethyl methacrylate	10.871	69	56779	25.046	ug/l	99
57) 1,3-Dichloropropane	11.159	76	61608	22.563	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	127703	114.839	ug/l	99
59) 2-Hexanone	11.194	43	199228	138.837	ug/l	98
60) Dibromochloromethane	11.359	129	46468	24.508	ug/l	95
61) 1,2-Dibromoethane	11.465	107	38479	23.966	ug/l	98
64) Tetrachloroethene	11.100	164	33287	23.456	ug/l	100
65) Chlorobenzene	11.888	112	102593	21.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	37792	22.473	ug/l	99
67) Ethyl Benzene	11.959	91	171825	22.174	ug/l	98
68) m/p-Xylenes	12.071	106	135623	45.971	ug/l	97
69) o-Xylene	12.394	106	64729	23.065	ug/l	96
70) Styrene	12.412	104	111139	23.814	ug/l	97
71) Bromoform	12.577	173	30378	24.336	ug/l #	99
73) Isopropylbenzene	12.694	105	162539	22.518	ug/l	99
74) N-amyl acetate	12.494	43	69535	23.377	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	55081	22.346	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	46329m	24.893	ug/l	
77) Bromobenzene	12.977	156	40955	21.084	ug/l	100
78) n-propylbenzene	13.035	91	189419	22.751	ug/l	100
79) 2-Chlorotoluene	13.124	91	119212	21.450	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	139049	22.956	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19605m	23.254	ug/l	
82) 4-Chlorotoluene	13.224	91	121276	20.961	ug/l	100
83) tert-Butylbenzene	13.441	119	114640	21.997	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	139224	22.330	ug/l	99
85) sec-Butylbenzene	13.618	105	157141	22.321	ug/l	99
86) p-Isopropyltoluene	13.729	119	127683	21.970	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	76320	19.919	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	75964	19.428	ug/l	99
89) n-Butylbenzene	14.053	91	105015	19.431	ug/l	97
90) Hexachloroethane	14.329	117	25385	20.039	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	73083	19.906	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	10533	22.099	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	35492	17.794	ug/l	99
94) Hexachlorobutadiene	15.500	225	16968	18.433	ug/l	98
95) Naphthalene	15.641	128	113189	19.925	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	35440	18.622	ug/l	98

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

