

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084823.D
 Acq On : 13 Nov 2024 14:00
 Operator : JC\MD
 Sample : VN1113WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2024
 Supervised By : Mahesh Dadoda 11/14/2024

Quant Time: Nov 14 00:35:12 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	144835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	235271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	94886	45.359	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.720%		
35) Dibromofluoromethane	8.159	113	77380	48.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.180%		
50) Toluene-d8	10.565	98	280379	47.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.600%		
62) 4-Bromofluorobenzene	12.847	95	111771	50.981	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34161	20.517	ug/l	95
3) Chloromethane	2.359	50	36498	17.019	ug/l	96
4) Vinyl Chloride	2.512	62	39219	21.900	ug/l	97
5) Bromomethane	2.901	94	20351	21.449	ug/l	85
6) Chloroethane	3.077	64	25938	22.635	ug/l #	89
7) Trichlorofluoromethane	3.471	101	61535	20.860	ug/l	99
8) Diethyl Ether	3.953	74	21737	20.889	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	35448	21.266	ug/l	95
10) Methyl Iodide	4.577	142	48302	21.682	ug/l	98
11) Tert butyl alcohol	5.536	59	27606	99.976	ug/l	99
12) 1,1-Dichloroethene	4.324	96	32595	19.762	ug/l	96
13) Acrolein	4.177	56	20520	74.525	ug/l	98
14) Allyl chloride	5.006	41	52205	19.517	ug/l	93
15) Acrylonitrile	5.712	53	80820	101.104	ug/l	98
16) Acetone	4.430	43	63688	103.727	ug/l	100
17) Carbon Disulfide	4.706	76	92206	18.153	ug/l	96
18) Methyl Acetate	5.012	43	41827	16.255	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	108185	21.400	ug/l	93
20) Methylene Chloride	5.265	84	37718	20.500	ug/l #	85
21) trans-1,2-Dichloroethene	5.777	96	34032	20.094	ug/l	95
22) Diisopropyl ether	6.665	45	108204	20.358	ug/l	96
23) Vinyl Acetate	6.594	43	380570	103.831	ug/l	96
24) 1,1-Dichloroethane	6.565	63	64127	20.096	ug/l	98
25) 2-Butanone	7.477	43	101609	104.114	ug/l	100
26) 2,2-Dichloropropane	7.489	77	59772	21.521	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	40506	20.483	ug/l	97
28) Bromochloromethane	7.806	49	26531	20.869	ug/l	93
29) Tetrahydrofuran	7.836	42	64449	99.542	ug/l	92
30) Chloroform	7.959	83	69722	21.467	ug/l	100
31) Cyclohexane	8.247	56	58930	20.404	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	62101	21.008	ug/l	94
36) 1,1-Dichloropropene	8.371	75	44595	20.191	ug/l	98
37) Ethyl Acetate	7.559	43	42592	21.255	ug/l	97
38) Carbon Tetrachloride	8.353	117	53965	21.860	ug/l	95
39) Methylcyclohexane	9.594	83	48964	21.792	ug/l	96
40) Benzene	8.600	78	146711	20.684	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	23229	21.557	ug/l	94
42) 1,2-Dichloroethane	8.665	62	49432	21.520	ug/l	99
43) Isopropyl Acetate	8.683	43	76401	20.060	ug/l	99
44) Trichloroethene	9.347	130	36415	22.261	ug/l	86
45) 1,2-Dichloropropane	9.618	63	34904	20.978	ug/l	98
46) Dibromomethane	9.706	93	24966	21.265	ug/l	95
47) Bromodichloromethane	9.882	83	53004	21.417	ug/l	98
48) Methyl methacrylate	9.677	41	32696	20.965	ug/l	95
49) 1,4-Dioxane	9.694	88	12102	437.906	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	208306	109.045	ug/l	99
52) Toluene	10.629	92	88883	21.427	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	52463	20.479	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	56924	20.995	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	33197	21.245	ug/l	99
56) Ethyl methacrylate	10.871	69	51492	22.782	ug/l	95
57) 1,3-Dichloropropane	11.159	76	56773	21.170	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	111900	105.802	ug/l	96
59) 2-Hexanone	11.194	43	156533	112.577	ug/l	96
60) Dibromochloromethane	11.359	129	40944	22.991	ug/l	98
61) 1,2-Dibromoethane	11.465	107	33340	20.835	ug/l	97
64) Tetrachloroethene	11.100	164	30999	22.016	ug/l	97
65) Chlorobenzene	11.888	112	97118	20.508	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	36105	21.919	ug/l	96
67) Ethyl Benzene	11.965	91	166079	21.010	ug/l	98
68) m/p-Xylenes	12.071	106	128485	42.934	ug/l	99
69) o-Xylene	12.394	106	61450	21.950	ug/l	97
70) Styrene	12.406	104	105142	21.529	ug/l	99
71) Bromoform	12.576	173	26942	21.737	ug/l #	99
73) Isopropylbenzene	12.694	105	153827	19.857	ug/l	99
74) N-amyl acetate	12.494	43	62516	18.960	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	48704	18.835	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	39260m	17.767	ug/l	
77) Bromobenzene	12.976	156	40793	19.588	ug/l	91
78) n-propylbenzene	13.035	91	180726	19.908	ug/l	98
79) 2-Chlorotoluene	13.123	91	116628	19.662	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	136195	21.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17077	18.334	ug/l	92
82) 4-Chlorotoluene	13.218	91	118700	19.015	ug/l	100
83) tert-Butylbenzene	13.435	119	112040	21.084	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	136557	20.607	ug/l	100
85) sec-Butylbenzene	13.612	105	154263	20.551	ug/l	100
86) p-Isopropyltoluene	13.729	119	131536	21.367	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	74623	18.361	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	75927	19.675	ug/l	99
89) n-Butylbenzene	14.053	91	110781	19.238	ug/l	99
90) Hexachloroethane	14.335	117	25791	18.787	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	72630	18.597	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10004	19.097	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	38113	17.829	ug/l	99
94) Hexachlorobutadiene	15.500	225	17910	19.079	ug/l	98
95) Naphthalene	15.635	128	114920	17.961	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	35883	17.292	ug/l	97

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

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