

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084822.D
 Acq On : 13 Nov 2024 13:24
 Operator : JC\MD
 Sample : VN1113WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 14 00:34:05 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	8.224	168	193540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141208	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	129753	46.417	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.840%
35) Dibromofluoromethane	8.159	113	105080	49.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.780%
50) Toluene-d8	10.565	98	381724	49.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.847	95	148571	51.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	39364	17.693	ug/l	95
3) Chloromethane	2.359	50	43828	15.025	ug/l	91
4) Vinyl Chloride	2.512	62	48169	20.129	ug/l	98
5) Bromomethane	2.900	94	24860	19.607	ug/l	93
6) Chloroethane	3.077	64	32217	20.939	ug/l	98
7) Trichlorofluoromethane	3.471	101	72161	18.306	ug/l	95
8) Diethyl Ether	3.959	74	24999	17.978	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	40961	18.389	ug/l	97
10) Methyl Iodide	4.577	142	57021	19.154	ug/l	96
11) Tert butyl alcohol	5.536	59	32498	88.075	ug/l	98
12) 1,1-Dichloroethene	4.324	96	38523	17.479	ug/l	95
13) Acrolein	4.177	56	24726	67.202	ug/l	97
14) Allyl chloride	5.006	41	60587	16.950	ug/l	95
15) Acrylonitrile	5.712	53	93960	87.962	ug/l	99
16) Acetone	4.424	43	73980	89.791	ug/l	97
17) Carbon Disulfide	4.700	76	105663	15.568	ug/l	99
18) Methyl Acetate	5.018	43	47918	13.317	ug/l	98
19) Methyl tert-butyl Ether	5.788	73	126925	18.789	ug/l	98
20) Methylene Chloride	5.265	84	43005	17.492	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	39652	17.521	ug/l	93
22) Diisopropyl ether	6.665	45	128933	18.154	ug/l	97
23) Vinyl Acetate	6.594	43	446876	91.240	ug/l	97
24) 1,1-Dichloroethane	6.559	63	76582	17.960	ug/l	98
25) 2-Butanone	7.482	43	119443	91.588	ug/l	98
26) 2,2-Dichloropropane	7.482	77	70733	19.059	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	48386	18.310	ug/l	95
28) Bromochloromethane	7.806	49	35458	20.872	ug/l	91
29) Tetrahydrofuran	7.835	42	75701	87.497	ug/l	93
30) Chloroform	7.959	83	82200	18.940	ug/l	97
31) Cyclohexane	8.253	56	69909	18.114	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	74581	18.880	ug/l	93
36) 1,1-Dichloropropene	8.365	75	54366	18.611	ug/l	99
37) Ethyl Acetate	7.553	43	48588	18.333	ug/l	96
38) Carbon Tetrachloride	8.359	117	65648	20.106	ug/l	98
39) Methylcyclohexane	9.594	83	58774	19.778	ug/l	96
40) Benzene	8.600	78	173125	18.455	ug/l	100

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41) Methacrylonitrile	7.771	41	27711	19.443	ug/l	95
42) 1,2-Dichloroethane	8.665	62	57874	19.049	ug/l	97
43) Isopropyl Acetate	8.688	43	89635	17.683	ug/l	98
44) Trichloroethene	9.347	130	41511	19.187	ug/l	100
45) 1,2-Dichloropropane	9.618	63	42580	19.349	ug/l	98
46) Dibromomethane	9.706	93	30054	19.354	ug/l	97
47) Bromodichloromethane	9.888	83	63262	19.327	ug/l	98
48) Methyl methacrylate	9.676	41	39540	19.169	ug/l	96
49) 1,4-Dioxane	9.694	88	14415	394.372	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	247640	98.015	ug/l	98
52) Toluene	10.623	92	109501	19.958	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	61529	18.160	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	68866	19.204	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	40197	19.450	ug/l	96
56) Ethyl methacrylate	10.870	69	61538	20.585	ug/l	95
57) 1,3-Dichloropropane	11.159	76	67289	18.971	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	134289	96.000	ug/l	96
59) 2-Hexanone	11.194	43	182633	99.309	ug/l	96
60) Dibromochloromethane	11.359	129	46127	19.583	ug/l	96
61) 1,2-Dibromoethane	11.465	107	40349	19.065	ug/l	100
64) Tetrachloroethene	11.100	164	37374	20.563	ug/l	94
65) Chlorobenzene	11.888	112	115499	18.894	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	41953	19.730	ug/l	98
67) Ethyl Benzene	11.959	91	201230	19.721	ug/l	98
68) m/p-Xylenes	12.070	106	154238	39.926	ug/l	99
69) o-Xylene	12.394	106	75575	20.913	ug/l	97
70) Styrene	12.412	104	125083	19.841	ug/l	99
71) Bromoform	12.576	173	31240	19.525	ug/l #	98
73) Isopropylbenzene	12.694	105	189264	19.126	ug/l	100
74) N-amyl acetate	12.494	43	75052	17.820	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	57951	17.545	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	52213m	18.498	ug/l	
77) Bromobenzene	12.976	156	47085	17.700	ug/l	94
78) n-propylbenzene	13.035	91	218271	18.823	ug/l	98
79) 2-Chlorotoluene	13.123	91	142466	18.803	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	165135	20.135	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	19701	16.558	ug/l	88
82) 4-Chlorotoluene	13.217	91	139683	17.518	ug/l	99
83) tert-Butylbenzene	13.435	119	137464	20.252	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	168056	19.853	ug/l	99
85) sec-Butylbenzene	13.611	105	186571	19.458	ug/l	99
86) p-Isopropyltoluene	13.729	119	159085	20.231	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	87544	16.863	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	91273	18.459	ug/l	95
89) n-Butylbenzene	14.053	91	133782	18.188	ug/l	99
90) Hexachloroethane	14.329	117	30179	17.209	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	88621	17.764	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	10832	16.188	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	43935	16.090	ug/l	99
94) Hexachlorobutadiene	15.500	225	20801	17.347	ug/l	98
95) Naphthalene	15.635	128	134429	16.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41536	15.670	ug/l	98

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

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