

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083822.D
 Acq On : 12 Sep 2024 10:56
 Operator : JC\MD
 Sample : VN0912WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

Quant Time: Sep 12 16:44:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104058	38.220	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	76.440%		
35) Dibromofluoromethane	8.165	113	73246	37.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	74.860%#		
50) Toluene-d8	10.565	98	266428	39.378	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	78.760%#		
62) 4-Bromofluorobenzene	12.847	95	101285	36.284	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	72.560%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41232	19.663	ug/l	96
3) Chloromethane	2.360	50	42535	18.709	ug/l	92
4) Vinyl Chloride	2.512	62	43557	18.951	ug/l	98
5) Bromomethane	2.907	94	24417	18.503	ug/l	96
6) Chloroethane	3.083	64	32376	20.081	ug/l	97
7) Trichlorofluoromethane	3.477	101	74431	19.078	ug/l	98
8) Diethyl Ether	3.954	74	24799	18.962	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	40350	19.512	ug/l	98
10) Methyl Iodide	4.577	142	50145	19.067	ug/l	97
11) Tert butyl alcohol	5.530	59	34111	93.563	ug/l	100
12) 1,1-Dichloroethene	4.330	96	37663	19.285	ug/l	95
13) Acrolein	4.171	56	40385	112.269	ug/l	96
14) Allyl chloride	5.024	41	65676	18.873	ug/l	96
15) Acrylonitrile	5.712	53	95444	96.265	ug/l	99
16) Acetone	4.424	43	110051	100.833	ug/l	95
17) Carbon Disulfide	4.701	76	95049	17.399	ug/l	99
18) Methyl Acetate	5.024	43	46812	19.452	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	136721	19.346	ug/l	99
20) Methylene Chloride	5.271	84	42496	19.027	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	39274	18.765	ug/l	85
22) Diisopropyl ether	6.671	45	141189	19.710	ug/l	98
23) Vinyl Acetate	6.600	43	520660	99.251	ug/l	99
24) 1,1-Dichloroethane	6.559	63	77480	18.774	ug/l	99
25) 2-Butanone	7.483	43	140129	97.686	ug/l	98
26) 2,2-Dichloropropane	7.489	77	75570	19.883	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	46893	18.874	ug/l	97
28) Bromochloromethane	7.812	49	32649	18.786	ug/l	98
29) Tetrahydrofuran	7.836	42	82459	97.216	ug/l	99
30) Chloroform	7.965	83	84871	19.371	ug/l	99
31) Cyclohexane	8.259	56	70673	17.961	ug/l #	96
32) 1,1,1-Trichloroethane	8.165	97	78273	19.429	ug/l	97
36) 1,1-Dichloropropene	8.365	75	56317	19.118	ug/l	99
37) Ethyl Acetate	7.559	43	56244	21.035	ug/l	97
38) Carbon Tetrachloride	8.359	117	66484	19.894	ug/l	98
39) Methylcyclohexane	9.594	83	64721	19.302	ug/l	98
40) Benzene	8.600	78	174836	19.719	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	32471	20.532	ug/l	96
42) 1,2-Dichloroethane	8.665	62	66962	20.212	ug/l	99
43) Isopropyl Acetate	8.689	43	108542	22.401	ug/l	98
44) Trichloroethene	9.347	130	39864	19.415	ug/l	93
45) 1,2-Dichloropropane	9.618	63	42106	19.649	ug/l	97
46) Dibromomethane	9.706	93	30731	20.474	ug/l	99
47) Bromodichloromethane	9.888	83	64392	19.822	ug/l	96
48) Methyl methacrylate	9.677	41	46909	20.405	ug/l	98
49) 1,4-Dioxane	9.694	88	16087	425.385	ug/l #	98
51) 4-Methyl-2-Pentanone	10.441	43	272002	103.125	ug/l	97
52) Toluene	10.630	92	104751	19.315	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	64099	19.467	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	67004	19.372	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	38933	19.229	ug/l	97
56) Ethyl methacrylate	10.871	69	65182	20.925	ug/l	98
57) 1,3-Dichloropropane	11.165	76	70175	20.167	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	105809	94.269	ug/l	99
59) 2-Hexanone	11.194	43	203288	104.192	ug/l	98
60) Dibromochloromethane	11.359	129	44913	19.821	ug/l	100
61) 1,2-Dibromoethane	11.471	107	40434	20.025	ug/l	96
64) Tetrachloroethene	11.106	164	32977	18.991	ug/l	96
65) Chlorobenzene	11.888	112	113450	19.549	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	40528	20.145	ug/l	98
67) Ethyl Benzene	11.965	91	204492	19.836	ug/l	99
68) m/p-Xylenes	12.071	106	152623	39.876	ug/l	100
69) o-Xylene	12.400	106	73759	19.907	ug/l	97
70) Styrene	12.412	104	123607	20.327	ug/l	99
71) Bromoform	12.576	173	27480	20.270	ug/l #	99
73) Isopropylbenzene	12.694	105	189619	19.650	ug/l	99
74) N-amyl acetate	12.494	43	84941	20.632	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	55940	19.730	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	49181m	19.542	ug/l	
77) Bromobenzene	12.982	156	43025	18.523	ug/l	96
78) n-propylbenzene	13.035	91	220668	19.654	ug/l	99
79) 2-Chlorotoluene	13.124	91	139942	19.544	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	159764	19.638	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19183	19.963	ug/l	91
82) 4-Chlorotoluene	13.218	91	140916	19.611	ug/l	98
83) tert-Butylbenzene	13.435	119	139098	19.542	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	161114	19.715	ug/l	99
85) sec-Butylbenzene	13.618	105	188991	20.021	ug/l	99
86) p-Isopropyltoluene	13.729	119	153216	19.363	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	80492	18.362	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	81881	18.447	ug/l	98
89) n-Butylbenzene	14.059	91	132915	18.708	ug/l	99
90) Hexachloroethane	14.335	117	29875	18.782	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	80431	19.012	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11881	21.022	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	40910	18.020	ug/l	99
94) Hexachlorobutadiene	15.500	225	18275	18.955	ug/l	98
95) Naphthalene	15.641	128	135408	19.605	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	39485	18.199	ug/l	97

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

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