

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083827.D
 Acq On : 12 Sep 2024 13:19
 Operator : JC\MD
 Sample : VN0912WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS02

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 17:33:49 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	150814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111256	48.924	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.840%		
35) Dibromofluoromethane	8.165	113	79078	46.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.860%		
50) Toluene-d8	10.565	98	288915	49.067	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.140%		
62) 4-Bromofluorobenzene	12.847	95	115251	47.442	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36439	20.805	ug/l	98
3) Chloromethane	2.360	50	36503	19.275	ug/l	96
4) Vinyl Chloride	2.512	62	37719	19.648	ug/l	91
5) Bromomethane	2.901	94	20930	18.988	ug/l	95
6) Chloroethane	3.059	64	27217	20.211	ug/l	100
7) Trichlorofluoromethane	3.465	101	64898	19.915	ug/l	93
8) Diethyl Ether	3.959	74	23130	21.175	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.354	101	34656	20.064	ug/l	98
10) Methyl Iodide	4.577	142	43479	19.793	ug/l	97
11) Tert butyl alcohol	5.542	59	32545	106.874	ug/l	98
12) 1,1-Dichloroethene	4.318	96	31837	19.517	ug/l	93
13) Acrolein	4.171	56	36052	119.990	ug/l	98
14) Allyl chloride	5.012	41	59204	20.369	ug/l	98
15) Acrylonitrile	5.718	53	87512	105.673	ug/l	99
16) Acetone	4.430	43	82115	90.076	ug/l	100
17) Carbon Disulfide	4.695	76	83962	18.401	ug/l	98
18) Methyl Acetate	5.030	43	46659	23.585	ug/l	97
19) Methyl tert-butyl Ether	5.795	73	123312	20.891	ug/l	98
20) Methylene Chloride	5.271	84	36787	19.720	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	33424	19.120	ug/l	94
22) Diisopropyl ether	6.671	45	124093	20.740	ug/l	98
23) Vinyl Acetate	6.600	43	468412	106.902	ug/l	97
24) 1,1-Dichloroethane	6.565	63	69573	20.183	ug/l	99
25) 2-Butanone	7.483	43	121845	101.692	ug/l	98
26) 2,2-Dichloropropane	7.489	77	61101	19.247	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	41283	19.893	ug/l	98
28) Bromochloromethane	7.806	49	32423	22.335	ug/l	96
29) Tetrahydrofuran	7.841	42	77375	109.214	ug/l	98
30) Chloroform	7.965	83	74584	20.380	ug/l	97
31) Cyclohexane	8.247	56	61749	18.788	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	68583	20.381	ug/l	95
36) 1,1-Dichloropropene	8.365	75	48729	19.008	ug/l	99
37) Ethyl Acetate	7.559	43	51117	21.967	ug/l	100
38) Carbon Tetrachloride	8.359	117	58675	20.174	ug/l	94
39) Methylcyclohexane	9.594	83	54401	18.643	ug/l	94
40) Benzene	8.600	78	151885	19.684	ug/l	99

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41) Methacrylonitrile	7.777	41	28393	20.630	ug/l	98
42) 1,2-Dichloroethane	8.665	62	59988	20.806	ug/l	100
43) Isopropyl Acetate	8.689	43	128050	30.366	ug/l #	90
44) Trichloroethene	9.353	130	35718	19.989	ug/l	97
45) 1,2-Dichloropropane	9.618	63	36928	19.801	ug/l	95
46) Dibromomethane	9.706	93	27445	21.010	ug/l	98
47) Bromodichloromethane	9.888	83	58088	20.547	ug/l	99
48) Methyl methacrylate	9.683	41	43046	21.516	ug/l	97
49) 1,4-Dioxane	9.694	88	13809	419.577	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	249767	108.810	ug/l	98
52) Toluene	10.630	92	94553	20.033	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	57184	19.956	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	60564	20.121	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	35676	20.247	ug/l	99
56) Ethyl methacrylate	10.871	69	59872	22.085	ug/l	96
57) 1,3-Dichloropropane	11.159	76	62472	20.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	108673	111.252	ug/l	99
59) 2-Hexanone	11.194	43	186840	110.036	ug/l	98
60) Dibromochloromethane	11.359	129	40708	20.643	ug/l	97
61) 1,2-Dibromoethane	11.465	107	35782	20.362	ug/l	99
64) Tetrachloroethene	11.100	164	28511	18.409	ug/l	90
65) Chlorobenzene	11.888	112	99600	19.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	35807	19.955	ug/l	98
67) Ethyl Benzene	11.965	91	181073	19.693	ug/l	99
68) m/p-Xylenes	12.071	106	132296	38.754	ug/l	98
69) o-Xylene	12.400	106	64940	19.650	ug/l	98
70) Styrene	12.412	104	118233	21.799	ug/l	99
71) Bromoform	12.576	173	26404	21.836	ug/l #	98
73) Isopropylbenzene	12.694	105	167540	19.074	ug/l	99
74) N-amyl acetate	12.494	43	82901	22.122	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	53083	20.569	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38547m	16.827	ug/l	
77) Bromobenzene	12.982	156	37690	17.826	ug/l	96
78) n-propylbenzene	13.035	91	186852	18.284	ug/l	99
79) 2-Chlorotoluene	13.124	91	121312	18.613	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	142173	19.199	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	17788	20.337	ug/l #	84
82) 4-Chlorotoluene	13.218	91	121550	18.584	ug/l	99
83) tert-Butylbenzene	13.435	119	123574	19.073	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	148625	19.980	ug/l	99
85) sec-Butylbenzene	13.618	105	161062	18.745	ug/l	100
86) p-Isopropyltoluene	13.729	119	133369	18.516	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	71069	17.811	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	73766	18.257	ug/l	98
89) n-Butylbenzene	14.053	91	115271	17.825	ug/l	98
90) Hexachloroethane	14.335	117	26342	18.193	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	74659	19.387	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12250	23.812	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	38273	18.521	ug/l	97
94) Hexachlorobutadiene	15.500	225	18098	20.622	ug/l	96
95) Naphthalene	15.641	128	133204	21.187	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33979	17.205	ug/l	97

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

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