

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083065.D
 Acq On : 30 Jul 2024 13:37
 Operator : JC\MD
 Sample : VN0730WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 07/31/2024

Supervised By :Semsettin
 Yesilyurt
 07/31/2024

Quant Time: Jul 30 16:41:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	170073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	132796	55.701	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.400%			
35) Dibromofluoromethane	8.171	113	103433	56.218	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.440%			
50) Toluene-d8	10.565	98	357649	52.630	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.260%			
62) 4-Bromofluorobenzene	12.847	95	113161	46.358	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	37507	17.034	ug/l	100
3) Chloromethane	2.360	50	30510	14.611	ug/l	98
4) Vinyl Chloride	2.518	62	36837	16.797	ug/l	100
5) Bromomethane	2.954	94	28860	18.252	ug/l	95
6) Chloroethane	3.118	64	30406	20.261	ug/l	97
7) Trichlorofluoromethane	3.495	101	66567	21.104	ug/l	94
8) Diethyl Ether	3.965	74	19419	17.989	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	37796	21.172	ug/l	97
10) Methyl Iodide	4.589	142	30003	16.393	ug/l	96
11) Tert butyl alcohol	5.530	59	42660	106.387	ug/l #	89
12) 1,1-Dichloroethene	4.336	96	32428	18.678	ug/l #	71
13) Acrolein	4.183	56	26804	92.586	ug/l	100
14) Allyl chloride	5.018	41	43543	16.085	ug/l #	91
15) Acrylonitrile	5.724	53	99468	107.937	ug/l	98
16) Acetone	4.430	43	90754	108.121	ug/l #	88
17) Carbon Disulfide	4.718	76	76109	14.670	ug/l	98
18) Methyl Acetate	5.018	43	68044	30.636	ug/l #	87
19) Methyl tert-butyl Ether	5.806	73	115257	19.245	ug/l	100
20) Methylene Chloride	5.271	84	42858	21.143	ug/l #	73
21) trans-1,2-Dichloroethene	5.789	96	34249	18.206	ug/l	85
22) Diisopropyl ether	6.671	45	121793	21.506	ug/l	91
23) Vinyl Acetate	6.606	43	385075	85.621	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	74694	21.743	ug/l	97
25) 2-Butanone	7.489	43	127958	100.960	ug/l	91
26) 2,2-Dichloropropane	7.489	77	69786	21.849	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	44795	20.339	ug/l	88
28) Bromochloromethane	7.818	49	29763	20.196	ug/l #	79
29) Tetrahydrofuran	7.842	42	78388	98.243	ug/l #	85
30) Chloroform	7.965	83	82860	22.736	ug/l	98
31) Cyclohexane	8.253	56	52947	16.987	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	72775	21.508	ug/l	96
36) 1,1-Dichloropropene	8.377	75	47561	18.749	ug/l	97
37) Ethyl Acetate	7.565	43	51868	20.084	ug/l	97
38) Carbon Tetrachloride	8.359	117	60551	19.825	ug/l	92
39) Methylcyclohexane	9.606	83	41039	14.977	ug/l	95
40) Benzene	8.612	78	159778	20.477	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27003	19.408	ug/l	88
42) 1,2-Dichloroethane	8.677	62	61794	21.998	ug/l	97
43) Isopropyl Acetate	8.694	43	92125	16.957	ug/l #	93
44) Trichloroethene	9.353	130	36986	18.501	ug/l	92
45) 1,2-Dichloropropane	9.624	63	41138	22.582	ug/l	99
46) Dibromomethane	9.712	93	31452	22.162	ug/l	99
47) Bromodichloromethane	9.888	83	66602	22.713	ug/l #	96
48) Methyl methacrylate	9.683	41	39651	19.580	ug/l	89
49) 1,4-Dioxane	9.694	88	16772	375.484	ug/l #	92
51) 4-Methyl-2-Pentanone	10.447	43	285776	111.617	ug/l	97
52) Toluene	10.635	92	99258	20.364	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	58955	19.516	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	63869	19.974	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	42187	23.537	ug/l	98
56) Ethyl methacrylate	10.877	69	53516	19.191	ug/l	90
57) 1,3-Dichloropropane	11.165	76	67021	21.124	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	161224	112.674	ug/l	96
59) 2-Hexanone	11.194	43	208909	109.747	ug/l	97
60) Dibromochloromethane	11.359	129	51500	22.559	ug/l	98
61) 1,2-Dibromoethane	11.471	107	41898	22.012	ug/l	99
64) Tetrachloroethene	11.106	164	34535	17.440	ug/l	90
65) Chlorobenzene	11.894	112	112854	19.842	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	43313	21.410	ug/l	98
67) Ethyl Benzene	11.965	91	171318	17.922	ug/l	97
68) m/p-Xylenes	12.071	106	133700	37.048	ug/l	98
69) o-Xylene	12.400	106	62132	17.968	ug/l	92
70) Styrene	12.412	104	108015	18.905	ug/l	98
71) Bromoform	12.582	173	32532	20.448	ug/l #	97
73) Isopropylbenzene	12.694	105	154860	16.832	ug/l	97
74) N-amyl acetate	12.494	43	67462	17.727	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	60696	22.028	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	44694m	20.475	ug/l	
77) Bromobenzene	12.982	156	43776	18.444	ug/l	95
78) n-propylbenzene	13.035	91	189205	17.887	ug/l	99
79) 2-Chlorotoluene	13.124	91	122374	18.157	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	131106	17.630	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	22441	20.219	ug/l	87
82) 4-Chlorotoluene	13.224	91	118170	17.714	ug/l	96
83) tert-Butylbenzene	13.441	119	108381	16.439	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	133732	17.644	ug/l	100
85) sec-Butylbenzene	13.618	105	154902	17.387	ug/l	99
86) p-Isopropyltoluene	13.729	119	123251	16.581	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	79499	18.542	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	81448	18.368	ug/l	97
89) n-Butylbenzene	14.059	91	99546	15.632	ug/l	97
90) Hexachloroethane	14.329	117	30114	19.146	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	79323	19.054	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11750	18.433	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	35562	15.859	ug/l	96
94) Hexachlorobutadiene	15.494	225	17144	17.246	ug/l	95
95) Naphthalene	15.641	128	106472	13.863	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38046	16.501	ug/l	99

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

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