

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071024\
 Data File : VN082851.D
 Acq On : 10 Jul 2024 13:26
 Operator : JC\MD
 Sample : VN0710WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2024
 Supervised By : Mahesh Dadoda 07/11/2024

Quant Time: Jul 11 03:46:35 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	124411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	215527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	85159	48.830	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.660%
35) Dibromofluoromethane	8.171	113	64095	46.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	10.571	98	240663	47.115	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.220%
62) 4-Bromofluorobenzene	12.853	95	79635	43.401	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	86.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32184	19.981	ug/l	98
3) Chloromethane	2.365	50	31955	20.920	ug/l	97
4) Vinyl Chloride	2.512	62	34124	21.271	ug/l	96
5) Bromomethane	2.954	94	23162	20.025	ug/l	96
6) Chloroethane	3.118	64	23773	21.655	ug/l	96
7) Trichlorofluoromethane	3.501	101	46137	19.995	ug/l	99
8) Diethyl Ether	3.965	74	14476	18.332	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	27620	21.150	ug/l	95
10) Methyl Iodide	4.583	142	23102	17.255	ug/l	98
11) Tert butyl alcohol	5.524	59	26893	91.682	ug/l	98
12) 1,1-Dichloroethene	4.342	96	23918	18.833	ug/l	86
13) Acrolein	4.177	56	23471	110.830	ug/l	98
14) Allyl chloride	5.024	41	40109	20.255	ug/l	92
15) Acrylonitrile	5.724	53	70457	104.518	ug/l	99
16) Acetone	4.430	43	62878	102.405	ug/l	94
17) Carbon Disulfide	4.706	76	70111	18.474	ug/l	100
18) Methyl Acetate	5.030	43	33526	20.635	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	79984	18.257	ug/l	96
20) Methylene Chloride	5.277	84	28541	19.247	ug/l	84
21) trans-1,2-Dichloroethene	5.789	96	25801	18.749	ug/l	89
22) Diisopropyl ether	6.677	45	85516	20.642	ug/l #	97
23) Vinyl Acetate	6.606	43	327269m	99.475	ug/l	
24) 1,1-Dichloroethane	6.571	63	51259	20.398	ug/l	98
25) 2-Butanone	7.489	43	94920	102.381	ug/l #	89
26) 2,2-Dichloropropane	7.489	77	45075	19.292	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	31617	19.625	ug/l	89
28) Bromochloromethane	7.812	49	24689	22.902	ug/l	85
29) Tetrahydrofuran	7.841	42	62647	107.332	ug/l	89
30) Chloroform	7.965	83	53618	20.112	ug/l	98
31) Cyclohexane	8.259	56	41748	18.310	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	48273	19.503	ug/l	93
36) 1,1-Dichloropropene	8.371	75	35935	18.846	ug/l	98
37) Ethyl Acetate	7.559	43	39477	20.336	ug/l	98
38) Carbon Tetrachloride	8.365	117	44719	19.479	ug/l	99
39) Methylcyclohexane	9.606	83	35153	17.067	ug/l	94
40) Benzene	8.606	78	113771	19.397	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	19643	18.782	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	41094	19.462	ug/l	96
43) Isopropyl Acetate	8.688	43	67555	16.466	ug/l	96
44) Trichloroethene	9.353	130	26889	17.894	ug/l	99
45) 1,2-Dichloropropane	9.624	63	27879	20.360	ug/l	94
46) Dibromomethane	9.712	93	21464	20.120	ug/l	99
47) Bromodichloromethane	9.888	83	43010	19.513	ug/l	98
48) Methyl methacrylate	9.683	41	29557	19.418	ug/l	93
49) 1,4-Dioxane	9.700	88	12664	377.190	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	201885	104.901	ug/l	94
52) Toluene	10.630	92	70169	19.152	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	42137	18.557	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	45413	18.894	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	27410	20.345	ug/l	93
56) Ethyl methacrylate	10.877	69	39422	18.807	ug/l	90
57) 1,3-Dichloropropane	11.165	76	47034	19.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	116565	108.376	ug/l	96
59) 2-Hexanone	11.200	43	150432	105.134	ug/l	95
60) Dibromochloromethane	11.359	129	32900	19.173	ug/l	96
61) 1,2-Dibromoethane	11.471	107	27617	19.302	ug/l	97
64) Tetrachloroethene	11.106	164	26401	17.761	ug/l	96
65) Chlorobenzene	11.894	112	76976	18.030	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	27625	18.191	ug/l	96
67) Ethyl Benzene	11.965	91	124247	17.316	ug/l	98
68) m/p-Xylenes	12.077	106	96258	35.533	ug/l	100
69) o-Xylene	12.400	106	45803	17.646	ug/l	95
70) Styrene	12.412	104	77463	18.061	ug/l	98
71) Bromoform	12.582	173	21936	18.368	ug/l #	100
73) Isopropylbenzene	12.700	105	114853	17.090	ug/l	100
74) N-amyl acetate	12.494	43	51384	18.485	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	39021	19.387	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	36238m	22.727	ug/l	
77) Bromobenzene	12.982	156	30286	17.468	ug/l	98
78) n-propylbenzene	13.035	91	136104	17.614	ug/l	100
79) 2-Chlorotoluene	13.124	91	85707	17.408	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	96129	17.696	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15628	19.276	ug/l	85
82) 4-Chlorotoluene	13.224	91	84490	17.338	ug/l	99
83) tert-Butylbenzene	13.441	119	78042	16.205	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	98233	17.742	ug/l	99
85) sec-Butylbenzene	13.618	105	111112	17.073	ug/l	99
86) p-Isopropyltoluene	13.729	119	90438	16.656	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	53344	17.032	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	55377	17.097	ug/l	99
89) n-Butylbenzene	14.059	91	73606	15.823	ug/l	98
90) Hexachloroethane	14.335	117	20149	17.537	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	52802	17.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8315	17.857	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	25474	15.552	ug/l	98
94) Hexachlorobutadiene	15.506	225	11226	15.460	ug/l	95
95) Naphthalene	15.641	128	81087	14.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	26076	15.483	ug/l	98

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

