

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082868.D
 Acq On : 11 Jul 2024 11:54
 Operator : JC\MD
 Sample : VN0711WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/12/2024
 Supervised By : Mahesh Dadoda 07/12/2024

Quant Time: Jul 12 01:04:02 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	8.224	168	145091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	246093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100916	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107428	52.819	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.640%
35) Dibromofluoromethane	8.171	113	80381	50.903	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	10.565	98	297043	50.930	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.847	95	102863	49.098	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33829	18.009	ug/l	97
3) Chloromethane	2.359	50	29920	16.796	ug/l	96
4) Vinyl Chloride	2.518	62	32008	17.108	ug/l	99
5) Bromomethane	2.959	94	23083	17.112	ug/l	84
6) Chloroethane	3.124	64	21928	17.127	ug/l	92
7) Trichlorofluoromethane	3.495	101	51671	19.202	ug/l	92
8) Diethyl Ether	3.965	74	17543	19.049	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	29078	19.093	ug/l	98
10) Methyl Iodide	4.595	142	29654	18.992	ug/l #	95
11) Tert butyl alcohol	5.530	59	31615	92.418	ug/l	100
12) 1,1-Dichloroethene	4.336	96	26591	17.953	ug/l	83
13) Acrolein	4.177	56	21244	86.016	ug/l	100
14) Allyl chloride	5.024	41	43794	18.963	ug/l	92
15) Acrylonitrile	5.724	53	70921	90.211	ug/l	99
16) Acetone	4.430	43	61583	86.001	ug/l	96
17) Carbon Disulfide	4.718	76	72073	16.284	ug/l	99
18) Methyl Acetate	5.024	43	35544	18.759	ug/l	91
19) Methyl tert-butyl Ether	5.795	73	97123	19.009	ug/l	98
20) Methylene Chloride	5.277	84	30614	17.703	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	27687	17.252	ug/l #	81
22) Diisopropyl ether	6.671	45	92992	19.247	ug/l #	94
23) Vinyl Acetate	6.606	43	365504	95.262	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	54571	18.621	ug/l	96
25) 2-Butanone	7.489	43	97942	90.583	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	48741	17.888	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	33949	18.069	ug/l	92
28) Bromochloromethane	7.812	49	24391	19.401	ug/l #	81
29) Tetrahydrofuran	7.841	42	63217	92.871	ug/l #	85
30) Chloroform	7.965	83	59301	19.074	ug/l	97
31) Cyclohexane	8.259	56	45085	16.955	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	53689	18.599	ug/l	92
36) 1,1-Dichloropropene	8.377	75	39891	18.322	ug/l	98
37) Ethyl Acetate	7.559	43	41170	18.574	ug/l #	95
38) Carbon Tetrachloride	8.365	117	46595	17.775	ug/l	99
39) Methylcyclohexane	9.600	83	38833	16.512	ug/l	92
40) Benzene	8.606	78	122409	18.278	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	20944	17.539	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	44716	18.547	ug/l	95
43) Isopropyl Acetate	8.688	43	73568	15.558	ug/l #	92
44) Trichloroethene	9.359	130	30502	17.777	ug/l	89
45) 1,2-Dichloropropane	9.624	63	30259	19.353	ug/l	95
46) Dibromomethane	9.712	93	23094	18.960	ug/l	97
47) Bromodichloromethane	9.888	83	47537	18.888	ug/l	96
48) Methyl methacrylate	9.682	41	33368	19.199	ug/l	90
49) 1,4-Dioxane	9.700	88	13710	357.492	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	207975	94.643	ug/l	94
52) Toluene	10.630	92	79002	18.884	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	49168	18.964	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	50949	18.565	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	30063	19.542	ug/l	98
56) Ethyl methacrylate	10.877	69	46295	19.343	ug/l	87
57) 1,3-Dichloropropane	11.165	76	52599	19.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	132509	107.898	ug/l	94
59) 2-Hexanone	11.194	43	154637	94.650	ug/l	92
60) Dibromochloromethane	11.359	129	37142	18.956	ug/l	99
61) 1,2-Dibromoethane	11.471	107	31515	19.291	ug/l	100
64) Tetrachloroethene	11.106	164	29746	17.938	ug/l	99
65) Chlorobenzene	11.894	112	85682	17.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	30578	18.049	ug/l	97
67) Ethyl Benzene	11.965	91	143644	17.945	ug/l	98
68) m/p-Xylenes	12.071	106	110853	36.680	ug/l	98
69) o-Xylene	12.400	106	52549	18.147	ug/l	97
70) Styrene	12.412	104	89307	18.665	ug/l	98
71) Bromoform	12.582	173	24804	18.617	ug/l #	99
73) Isopropylbenzene	12.694	105	135030	18.414	ug/l	100
74) N-ethyl acetate	12.494	43	57205	18.860	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	41128	18.727	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	38031m	21.859	ug/l	
77) Bromobenzene	12.982	156	34683	18.334	ug/l	93
78) n-propylbenzene	13.035	91	153384	18.192	ug/l	99
79) 2-Chlorotoluene	13.123	91	97725	18.191	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	110012	18.560	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15827	17.891	ug/l	95
82) 4-Chlorotoluene	13.223	91	97323	18.303	ug/l	99
83) tert-Butylbenzene	13.441	119	94293	17.944	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	112175	18.568	ug/l	96
85) sec-Butylbenzene	13.618	105	126026	17.747	ug/l	98
86) p-Isopropyltoluene	13.729	119	107895	18.211	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	60150	17.601	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	61338	17.355	ug/l	98
89) n-Butylbenzene	14.059	91	88484	17.432	ug/l	99
90) Hexachloroethane	14.335	117	20436	16.301	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	59821	18.029	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8726	17.174	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	32080	17.949	ug/l	99
94) Hexachlorobutadiene	15.506	225	13396	16.907	ug/l	97
95) Naphthalene	15.641	128	109099	17.822	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	31472	17.126	ug/l	99

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

