

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082892.D
 Acq On : 12 Jul 2024 12:05
 Operator : JC\MD
 Sample : VN0712WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0712WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2024
 Supervised By : Mahesh Dadoda 07/15/2024

Quant Time: Jul 15 01:08:24 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	8.229	168	131327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	221724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	95709	51.989	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.980%			
35) Dibromofluoromethane	8.171	113	73756	51.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.680%			
50) Toluene-d8	10.565	98	269406	51.268	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.540%			
62) 4-Bromofluorobenzene	12.847	95	89415	47.370	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32235	18.959	ug/l	94
3) Chloromethane	2.365	50	28380	17.601	ug/l	100
4) Vinyl Chloride	2.518	62	28017	16.544	ug/l	96
5) Bromomethane	2.959	94	18652	15.276	ug/l	95
6) Chloroethane	3.124	64	20768	17.921	ug/l	100
7) Trichlorofluoromethane	3.494	101	40622	16.678	ug/l	96
8) Diethyl Ether	3.959	74	13918	16.697	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	25553	18.537	ug/l	97
10) Methyl Iodide	4.589	142	21154	14.968	ug/l	97
11) Tert butyl alcohol	5.524	59	25411	82.068	ug/l	98
12) 1,1-Dichloroethene	4.341	96	22322	16.650	ug/l	85
13) Acrolein	4.183	56	21276	95.174	ug/l	97
14) Allyl chloride	5.024	41	40826	19.531	ug/l	89
15) Acrylonitrile	5.724	53	65671	92.288	ug/l	99
16) Acetone	4.424	43	53732	82.901	ug/l	94
17) Carbon Disulfide	4.718	76	69218	17.278	ug/l	99
18) Methyl Acetate	5.030	43	32136	18.738	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	83318	18.017	ug/l	95
20) Methylene Chloride	5.277	84	29155	18.626	ug/l	84
21) trans-1,2-Dichloroethene	5.788	96	25664	17.667	ug/l	90
22) Diisopropyl ether	6.677	45	86506	19.781	ug/l	97
23) Vinyl Acetate	6.606	43	340151	97.946	ug/l	95
24) 1,1-Dichloroethane	6.571	63	52364	19.740	ug/l	97
25) 2-Butanone	7.488	43	88181	90.103	ug/l	93
26) 2,2-Dichloropropane	7.488	77	46367	18.800	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	30887	18.162	ug/l	91
28) Bromochloromethane	7.818	49	25342	22.270	ug/l	88
29) Tetrahydrofuran	7.841	42	58621	95.145	ug/l	89
30) Chloroform	7.971	83	55143	19.595	ug/l	99
31) Cyclohexane	8.259	56	42347	17.595	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	49561	18.969	ug/l	93
36) 1,1-Dichloropropene	8.371	75	37029	18.877	ug/l	99
37) Ethyl Acetate	7.565	43	36899	18.476	ug/l #	94
38) Carbon Tetrachloride	8.359	117	42737	18.095	ug/l	94
39) Methylcyclohexane	9.600	83	35949	16.966	ug/l	96
40) Benzene	8.606	78	115209	19.094	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	19412	18.042	ug/l	94
42) 1,2-Dichloroethane	8.671	62	42261	19.455	ug/l	98
43) Isopropyl Acetate	8.688	43	65141	15.236	ug/l #	93
44) Trichloroethene	9.353	130	27218	17.607	ug/l	93
45) 1,2-Dichloropropane	9.624	63	27583	19.580	ug/l	97
46) Dibromomethane	9.712	93	21092	19.219	ug/l	99
47) Bromodichloromethane	9.888	83	43319	19.104	ug/l	97
48) Methyl methacrylate	9.682	41	28502	18.201	ug/l	90
49) 1,4-Dioxane	9.700	88	11617	336.077	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	188412	95.164	ug/l	94
52) Toluene	10.629	92	72266	19.173	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	42352	18.130	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	45756	18.505	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	26831	19.358	ug/l	97
56) Ethyl methacrylate	10.870	69	40592	18.824	ug/l	89
57) 1,3-Dichloropropane	11.165	76	46808	19.079	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	106449	96.204	ug/l	98
59) 2-Hexanone	11.194	43	139634	94.860	ug/l	97
60) Dibromochloromethane	11.359	129	33169	18.789	ug/l	97
61) 1,2-Dibromoethane	11.470	107	27289	18.540	ug/l	96
64) Tetrachloroethene	11.106	164	26944	17.773	ug/l	99
65) Chlorobenzene	11.888	112	78741	18.084	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	28046	18.109	ug/l	98
67) Ethyl Benzene	11.965	91	128958	17.622	ug/l	98
68) m/p-Xylenes	12.070	106	99287	35.937	ug/l	97
69) o-Xylene	12.400	106	46478	17.557	ug/l	97
70) Styrene	12.412	104	80648	18.438	ug/l	99
71) Bromoform	12.576	173	22073	18.122	ug/l #	99
73) Isopropylbenzene	12.694	105	117180	17.264	ug/l	99
74) N-amyl acetate	12.494	43	51337	18.285	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	38300	18.841	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	34243m	21.263	ug/l	
77) Bromobenzene	12.982	156	30588	17.468	ug/l	97
78) n-propylbenzene	13.035	91	136220	17.455	ug/l	98
79) 2-Chlorotoluene	13.123	91	87636	17.624	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	98161	17.891	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	13688m	16.716	ug/l	
82) 4-Chlorotoluene	13.223	91	86804	17.637	ug/l	99
83) tert-Butylbenzene	13.441	119	81473	16.750	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	99242	17.747	ug/l	99
85) sec-Butylbenzene	13.617	105	113031	17.196	ug/l	99
86) p-Isopropyltoluene	13.729	119	90507	16.504	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	54645	17.275	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	54765	16.741	ug/l	99
89) n-Butylbenzene	14.059	91	75726	16.118	ug/l	98
90) Hexachloroethane	14.335	117	19365	16.688	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	52418	17.067	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8114	17.253	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	25757	15.569	ug/l	99
94) Hexachlorobutadiene	15.500	225	11825	16.124	ug/l	97
95) Naphthalene	15.641	128	82673	14.590	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	25749	15.137	ug/l	98

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

