

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074801.D
 Acq On : 07 Oct 2022 10:56
 Operator : JC\MD
 Sample : VN1007WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2022
 Supervised By : Mahesh Dadoda 10/10/2022

Quant Time: Oct 07 11:13:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	282139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	510932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	546514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	323871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	343123	51.327	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	8.177	113	262359	50.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	10.571	98	1135993	51.285	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.580%			
62) 4-Bromofluorobenzene	12.853	95	331780	49.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	107932	18.654	ug/l	96
3) Chloromethane	2.383	50	156701	18.211	ug/l	94
4) Vinyl Chloride	2.530	62	217652	20.429	ug/l #	80
5) Bromomethane	2.959	94	160369	21.346	ug/l	95
6) Chloroethane	3.130	64	169666	21.524	ug/l	92
7) Trichlorofluoromethane	3.506	101	162564	19.360	ug/l	99
8) Diethyl Ether	3.983	74	76979	17.574	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.394	101	101616	19.754	ug/l	99
10) Methyl Iodide	4.612	142	114023	18.331	ug/l	96
11) Tert butyl alcohol	5.547	59	170868	76.315	ug/l	99
12) 1,1-Dichloroethene	4.359	96	94703	17.295	ug/l	97
13) Acrolein	4.212	56	43791	68.753	ug/l	98
14) Allyl chloride	5.041	41	208256	18.505	ug/l	97
15) Acrylonitrile	5.736	53	420659	86.141	ug/l	95
16) Acetone	4.459	43	347577	91.747	ug/l	96
17) Carbon Disulfide	4.730	76	248724	16.622	ug/l	100
18) Methyl Acetate	5.053	43	245458	17.500	ug/l	98
19) Methyl tert-butyl Ether	5.824	73	382987	17.978	ug/l	99
20) Methylene Chloride	5.306	84	121925	18.845	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	99357	16.963	ug/l #	76
22) Diisopropyl ether	6.688	45	443601	18.559	ug/l	98
23) Vinyl Acetate	6.624	43	1696874	86.425	ug/l	98
24) 1,1-Dichloroethane	6.588	63	229294	18.606	ug/l #	94
25) 2-Butanone	7.506	43	622551	90.547	ug/l	90
26) 2,2-Dichloropropane	7.500	77	183619	18.065	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	131541	18.865	ug/l	95
28) Bromochloromethane	7.824	49	103640	18.639	ug/l #	99
29) Tetrahydrofuran	7.853	42	393823	82.185	ug/l	98
30) Chloroform	7.977	83	208568	18.478	ug/l	89
31) Cyclohexane	8.271	56	210341	18.205	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	180272	18.737	ug/l	93
36) 1,1-Dichloropropene	8.382	75	155937	18.663	ug/l	97
37) Ethyl Acetate	7.506	43	622551	18.576	ug/l #	50
38) Carbon Tetrachloride	8.371	117	142611	18.099	ug/l	89
39) Methylcyclohexane	9.606	83	206476	19.075	ug/l	94
40) Benzene	8.618	78	521346	19.274	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	114210	17.298	ug/l	94
42) 1,2-Dichloroethane	8.682	62	172386	20.303	ug/l	98
43) Isopropyl Acetate	8.700	43	378156	18.258	ug/l	99
44) Trichloroethene	9.359	130	107389	19.062	ug/l	98
45) 1,2-Dichloropropane	9.629	63	132410	18.078	ug/l	98
46) Dibromomethane	9.712	93	87271	20.306	ug/l	98
47) Bromodichloromethane	9.894	83	165965	18.901	ug/l	85
48) Methyl methacrylate	9.612	41	171768	20.201	ug/l #	94
49) 1,4-Dioxane	9.706	88	58742	318.742	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1245805	93.408	ug/l	99
52) Toluene	10.635	92	324744	19.985	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	197477	18.875	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	205927	18.231	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	130461	19.967	ug/l	91
56) Ethyl methacrylate	10.876	69	218894	18.395	ug/l	96
57) 1,3-Dichloropropane	11.170	76	231796	19.684	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	407411	94.920	ug/l	99
59) 2-Hexanone	11.200	43	916156	90.815	ug/l	100
60) Dibromochloromethane	11.365	129	120755	18.761	ug/l	97
61) 1,2-Dibromoethane	11.470	107	122357	18.417	ug/l	97
64) Tetrachloroethene	11.112	164	81152	18.292	ug/l	88
65) Chlorobenzene	11.894	112	311513	18.606	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	115631	18.915	ug/l	99
67) Ethyl Benzene	11.965	91	597285	19.139	ug/l	93
68) m/p-Xylenes	12.076	106	457139	39.022	ug/l	94
69) o-Xylene	12.400	106	230031	19.139	ug/l	99
70) Styrene	12.417	104	366356	19.335	ug/l	97
71) Bromoform	12.582	173	85022	18.232	ug/l #	99
73) Isopropylbenzene	12.694	105	577466	18.529	ug/l	98
74) N-amyl acetate	12.500	43	321802	17.078	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	217255	19.543	ug/l	94
76) 1,2,3-Trichloropropane	12.994	75	159180m	16.467	ug/l	
77) Bromobenzene	12.982	156	116847	19.349	ug/l	97
78) n-propylbenzene	13.041	91	668747	18.626	ug/l	98
79) 2-Chlorotoluene	13.129	91	385358	17.700	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	471419	18.966	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	73578	14.830	ug/l	88
82) 4-Chlorotoluene	13.223	91	369859	18.328	ug/l	98
83) tert-Butylbenzene	13.441	119	411191	19.144	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	467564	18.604	ug/l	97
85) sec-Butylbenzene	13.617	105	576258	18.462	ug/l	99
86) p-Isopropyltoluene	13.729	119	472803	19.629	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	223889	18.114	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	213763	18.310	ug/l	97
89) n-Butylbenzene	14.059	91	402428	18.955	ug/l	99
90) Hexachloroethane	14.335	117	88974	16.521	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	228346	19.184	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43171	16.712	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	101247	19.445	ug/l	98
94) Hexachlorobutadiene	15.500	225	45457	18.663	ug/l	97
95) Naphthalene	15.641	128	395278	17.560	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	103474	19.548	ug/l	96

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

