

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074774.D
 Acq On : 06 Oct 2022 11:27
 Operator : JC\MD
 Sample : VN1006WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 16:29:31 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	8.236	168	260110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	476231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	511968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	302935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	316433	51.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.680%			
35) Dibromofluoromethane	8.177	113	252481	52.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	10.571	98	1073912	52.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.040%			
62) 4-Bromofluorobenzene	12.853	95	318105	50.685	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	102269	19.172	ug/l	98
3) Chloromethane	2.377	50	144042	18.157	ug/l	99
4) Vinyl Chloride	2.530	62	194514	19.804	ug/l	98
5) Bromomethane	2.936	94	154870	22.360	ug/l	93
6) Chloroethane	3.124	64	164439	22.627	ug/l	94
7) Trichlorofluoromethane	3.506	101	150729	19.471	ug/l	93
8) Diethyl Ether	3.977	74	75914	18.798	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.389	101	93660	19.750	ug/l	96
10) Methyl Iodide	4.606	142	112720	19.656	ug/l	99
11) Tert butyl alcohol	5.565	59	205473	99.543	ug/l	98
12) 1,1-Dichloroethene	4.359	96	87128	17.259	ug/l	89
13) Acrolein	4.200	56	44842	78.918	ug/l	91
14) Allyl chloride	5.047	41	203192	19.584	ug/l	97
15) Acrylonitrile	5.747	53	441907	98.156	ug/l	98
16) Acetone	4.453	43	339525	97.212	ug/l	94
17) Carbon Disulfide	4.724	76	252469	18.301	ug/l	97
18) Methyl Acetate	5.053	43	265428	20.527	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	383594	19.532	ug/l	98
20) Methylene Chloride	5.306	84	119196	20.123	ug/l	92
21) trans-1,2-Dichloroethene	5.806	96	98715	18.281	ug/l #	90
22) Diisopropyl ether	6.694	45	422255	19.162	ug/l	95
23) Vinyl Acetate	6.624	43	1727929	95.460	ug/l	99
24) 1,1-Dichloroethane	6.589	63	214364	18.868	ug/l	99
25) 2-Butanone	7.500	43	634329	100.073	ug/l	93
26) 2,2-Dichloropropane	7.506	77	178712	19.072	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	125440	19.514	ug/l	99
28) Bromochloromethane	7.824	49	103489	20.189	ug/l	99
29) Tetrahydrofuran	7.847	42	419151	94.879	ug/l	99
30) Chloroform	7.983	83	206340	19.829	ug/l	96
31) Cyclohexane	8.265	56	204565	19.204	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	172533	19.452	ug/l	97
36) 1,1-Dichloropropene	8.383	75	149967	19.256	ug/l	97
37) Ethyl Acetate	7.500	43	634329	20.306	ug/l #	52
38) Carbon Tetrachloride	8.377	117	143929	19.597	ug/l #	82
39) Methylcyclohexane	9.606	83	196673	19.494	ug/l	95
40) Benzene	8.612	78	492843	19.548	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	120387	19.562	ug/l	98
42) 1,2-Dichloroethane	8.677	62	163880	20.708	ug/l	99
43) Isopropyl Acetate	8.700	43	394730	20.447	ug/l	98
44) Trichloroethene	9.359	130	102872	19.591	ug/l	99
45) 1,2-Dichloropropane	9.624	63	137091	20.081	ug/l	99
46) Dibromomethane	9.718	93	80801	20.171	ug/l	91
47) Bromodichloromethane	9.894	83	170105	20.784	ug/l	96
48) Methyl methacrylate	9.612	41	168847	21.304	ug/l #	99
49) 1,4-Dioxane	9.700	88	68446	398.460	ug/l #	82
51) 4-Methyl-2-Pentanone	10.453	43	1261990	101.516	ug/l	99
52) Toluene	10.635	92	302641	19.982	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	205786	21.103	ug/l	89
54) cis-1,3-Dichloropropene	10.318	75	205559	19.525	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	127905	21.002	ug/l	98
56) Ethyl methacrylate	10.877	69	225480	20.329	ug/l	98
57) 1,3-Dichloropropane	11.165	76	220910	20.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	412636	103.142	ug/l	98
59) 2-Hexanone	11.200	43	952985	101.349	ug/l	99
60) Dibromochloromethane	11.359	129	119603	19.936	ug/l	98
61) 1,2-Dibromoethane	11.471	107	122561	19.791	ug/l	97
64) Tetrachloroethene	11.106	164	76962	18.518	ug/l	88
65) Chlorobenzene	11.894	112	305705	19.491	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	110541	19.302	ug/l	99
67) Ethyl Benzene	11.965	91	571545	19.550	ug/l	98
68) m/p-Xylenes	12.071	106	430778	39.253	ug/l	100
69) o-Xylene	12.400	106	215889	19.175	ug/l	95
70) Styrene	12.412	104	349415	19.686	ug/l	97
71) Bromoform	12.582	173	84627	19.372	ug/l #	96
73) Isopropylbenzene	12.700	105	552818	18.964	ug/l	99
74) N-amyl acetate	12.500	43	332080	18.841	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	213117	20.664	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	160760m	17.780	ug/l	
77) Bromobenzene	12.982	156	114421	20.380	ug/l	99
78) n-propylbenzene	13.041	91	641812	19.111	ug/l	99
79) 2-Chlorotoluene	13.129	91	369724	18.155	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	458814	19.735	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	83603	18.015	ug/l	95
82) 4-Chlorotoluene	13.223	91	359109	19.026	ug/l	98
83) tert-Butylbenzene	13.441	119	389630	19.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	458860	19.519	ug/l	100
85) sec-Butylbenzene	13.618	105	564093	19.321	ug/l	97
86) p-Isopropyltoluene	13.729	119	444648	19.736	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	211558	18.299	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	211162	19.337	ug/l	98
89) n-Butylbenzene	14.059	91	385294	19.402	ug/l	99
90) Hexachloroethane	14.335	117	90214	17.909	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	219101	19.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42832	17.727	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	93303	19.158	ug/l	99
94) Hexachlorobutadiene	15.500	225	42994	18.872	ug/l	95
95) Naphthalene	15.641	128	405602	19.264	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	96446	19.476	ug/l	99

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

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