

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041621\
 Data File : VN066649.D
 Acq On : 17 Apr 2021 00:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 2:59:33 PM

Quant Time: Apr 17 05:23:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	217872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	351376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	342751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	171824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	151899	46.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.42%		
35) Dibromofluoromethane	7.511	113	119438	49.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.02%		
50) Toluene-d8	10.029	98	469282	49.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.28%		
62) 4-Bromofluorobenzene	12.344	95	177795	52.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.88%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.833	85	122747	46.38	ug/l	98
3) Chloromethane	2.034	50	168039	43.54	ug/l	99
4) Vinyl Chloride	2.160	62	162970	48.49	ug/l	99
5) Bromomethane	2.498	94	100044	47.82	ug/l	99
6) Chloroethane	2.648	64	95617	47.45	ug/l	99
7) Trichlorofluoromethane	2.965	101	179359	46.08	ug/l	99
8) Diethyl Ether	3.354	74	77201	48.52	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.689	101	109912	47.80	ug/l	98
10) Methyl Iodide	3.882	142	168157	52.66	ug/l	99
11) Tert butyl alcohol	4.708	59	125656	238.21	ug/l	100
12) 1,1-Dichloroethene	3.670	96	109568	48.67	ug/l	91
13) Acrolein	3.544	56	59398	211.29	ug/l	98
14) Allyl chloride	4.244	41	225294	232.18	ug/l	94
15) Acrylonitrile	4.893	53	359641	247.68	ug/l	99
16) Acetone	3.753	43	287343	244.38	ug/l	98
17) Carbon Disulfide	3.981	76	328257	43.25	ug/l	98
18) Methyl Acetate	4.247	43	176994	50.00	ug/l	94
19) Methyl tert-butyl Ether	4.952	73	406109	50.94	ug/l	96
20) Methylene Chloride	4.467	84	143133	46.09	ug/l	94
21) trans-1,2-Dichloroethene	4.947	96	123649	48.78	ug/l	88
22) Diisopropyl ether	5.864	45	490110	50.91	ug/l	95
23) Vinyl Acetate	5.802	43	2052712	255.29	ug/l	96
24) 1,1-Dichloroethane	5.757	63	254148	48.47	ug/l	99
25) 2-Butanone	6.744	43	470161	242.67	ug/l	92
26) 2,2-Dichloropropane	6.733	77	169466	40.77	ug/l	99
27) cis-1,2-Dichloroethene	6.738	96	148333	50.51	ug/l	95
28) Bromochloromethane	7.111	49	122862	45.19	ug/l	84
29) Tetrahydrofuran	7.127	42	324599	248.96	ug/l	92
30) Chloroform	7.291	83	243416	49.36	ug/l	100
31) Cyclohexane	7.575	56	220322	46.61	ug/l	92
32) 1,1,1-Trichloroethane	7.492	97	202739	49.77	ug/l	98
36) 1,1-Dichloropropene	7.714	75	176957	49.97	ug/l	99
37) Ethyl Acetate	6.843	43	204771	50.99	ug/l	97
38) Carbon Tetrachloride	7.696	117	168490	50.78	ug/l	99
39) Methylcyclohexane	9.015	83	203612	50.49	ug/l	92
40) Benzene	7.967	78	577168	50.88	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	84108	45.77	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	190473	48.90	ug/l	99
43) Isopropyl Acetate	8.093	43	334948	49.93	ug/l #	88
44) Trichloroethene	8.768	130	133505	50.95	ug/l	98
45) 1,2-Dichloropropane	9.050	63	159717	50.58	ug/l	100
46) Dibromomethane	9.141	93	96189	50.78	ug/l	97
47) Bromodichloromethane	9.337	83	198826	51.13	ug/l	100
48) Methyl methacrylate	9.133	41	157891	52.33	ug/l	91
49) 1,4-Dioxane	9.136	88	54579	1069.15	ug/l	94
51) 4-Methyl-2-Pentanone	9.919	43	1026698	260.12	ug/l	96
52) Toluene	10.093	92	353702	52.92	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	215548	51.33	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	233744	50.52	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	142780	51.71	ug/l	97
56) Ethyl methacrylate	10.370	69	211221	51.88	ug/l	92
57) 1,3-Dichloropropane	10.646	76	241047	52.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	202995	307.21	ug/l	94
59) 2-Hexanone	10.691	43	714629	254.01	ug/l	96
60) Dibromochloromethane	10.842	129	154625	53.68	ug/l	100
61) 1,2-Dibromoethane	10.946	107	143802	53.01	ug/l	100
64) Tetrachloroethene	10.571	164	113285	47.49	ug/l	99
65) Chlorobenzene	11.373	112	372414	49.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	139350	51.51	ug/l	99
67) Ethyl Benzene	11.453	91	676821	52.15	ug/l	99
68) m/p-Xylenes	11.563	106	512417	108.19	ug/l	98
69) o-Xylene	11.890	106	251241	54.36	ug/l	99
70) Styrene	11.906	104	422333	58.64	ug/l	99
71) Bromoform	12.070	173	116744	57.18	ug/l #	99
73) Isopropylbenzene	12.193	105	666996	50.97	ug/l	99
74) N-amyl acetate	12.019	43	208234	52.42	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.448	83	229803	47.19	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	207177m	51.56	ug/l	
77) Bromobenzene	12.467	156	168774	52.27	ug/l	92
78) n-propylbenzene	12.534	91	772130	51.04	ug/l	98
79) 2-Chlorotoluene	12.617	91	466996	50.48	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	565694	51.23	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	65681	51.21	ug/l	98
82) 4-Chlorotoluene	12.716	91	474771	52.15	ug/l	98
83) tert-Butylbenzene	12.936	119	478918	51.55	ug/l	99
84) 1,2,4-Trimethylbenzene	12.985	105	552612	53.02	ug/l	98
85) sec-Butylbenzene	13.116	105	647335	51.56	ug/l	99
86) p-Isopropyltoluene	13.231	119	552110	53.59	ug/l	100
87) 1,3-Dichlorobenzene	13.226	146	286886	50.26	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	283847	49.86	ug/l	98
89) n-Butylbenzene	13.558	91	441636	51.21	ug/l	99
90) Hexachloroethane	13.813	117	112288	49.28	ug/l	94
91) 1,2-Dichlorobenzene	13.596	146	281679	49.77	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.216	75	37601	45.47	ug/l	95
93) 1,2,4-Trichlorobenzene	14.851	180	154061	48.35	ug/l	98
94) Hexachlorobutadiene	14.948	225	80456	44.68	ug/l	99
95) Naphthalene	15.071	128	397067	45.27	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	149393	45.62	ug/l	98

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

