

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091020\
 Data File : VN063296.D
 Acq On : 10 Sep 2020 15:36
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN091020

Manual Integrations
 APPROVED

sam
 9/21/2020 7:26:29 PM

Quant Time: Sep 21 18:44:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 21 18:39:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	468643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	817329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	746509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	358758	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	350546	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.55	113	260069	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.06	98	1001290	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.38	95	375431	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	213739	47.489	ug/l	99
3) Chloromethane	2.04	50	306719	52.153	ug/l	99
4) Vinyl Chloride	2.17	62	312018	49.000	ug/l	96
5) Bromomethane	2.53	94	216644	48.764	ug/l	99
6) Chloroethane	2.67	64	195664	46.973	ug/l	98
7) Trichlorofluoromethane	2.99	101	460830	46.798	ug/l	98
8) Diethyl Ether	3.38	74	167867	47.809	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	251717	48.928	ug/l	100
10) Methyl Iodide	3.91	142	319406	47.894	ug/l	98
11) Tert butyl alcohol	4.72	59	242152	248.746	ug/l	98
12) 1,1-Dichloroethene	3.70	96	246625	48.023	ug/l	97
13) Acrolein	3.57	56	131762	241.760	ug/l	100
14) Allyl chloride	4.28	41	500454	47.470	ug/l	99
15) Acrylonitrile	4.93	53	651406	244.736	ug/l	99
16) Acetone	3.77	43	603153	237.231	ug/l	100
17) Carbon Disulfide	4.01	76	727546	50.054	ug/l	99
18) Methyl Acetate	4.28	43	301221	47.130	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	891952	48.606	ug/l	99
20) Methylene Chloride	4.50	84	292556	50.555	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	269506	46.894	ug/l	100
22) Diisopropyl ether	5.90	45	1016735	49.006	ug/l	98
23) Vinyl Acetate	5.84	43	4237254	259.469	ug/l	99
24) 1,1-Dichloroethane	5.80	63	547318	48.714	ug/l	98
25) 2-Butanone	6.78	43	924080	246.047	ug/l	99
26) 2,2-Dichloropropane	6.78	77	478837	48.625	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	322992	48.223	ug/l	98
28) Bromochloromethane	7.15	49	260753	47.861	ug/l	98
29) Tetrahydrofuran	7.16	42	599389	245.100	ug/l	98
30) Chloroform	7.33	83	547537	48.672	ug/l	100
31) Cyclohexane	7.61	56	488767	47.329	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	479572	48.903	ug/l	99
36) 1,1-Dichloropropene	7.75	75	418091	49.765	ug/l	99
37) Ethyl Acetate	6.88	43	400032	48.400	ug/l	99
38) Carbon Tetrachloride	7.73	117	417936	50.546	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	462375	50.449	ug/l	99
40) Benzene	8.00	78	1190748	49.624	ug/l	99
41) Methacrylonitrile	7.12	41	181783	48.623	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	450455	49.479	ug/l	100
43) Isopropyl Acetate	8.13	43	702313	50.176	ug/l #	91
44) Trichloroethene	8.80	130	305721	48.719	ug/l	96
45) 1,2-Dichloropropane	9.08	63	323865	49.206	ug/l	99
46) Dibromomethane	9.17	93	213217	49.956	ug/l	97
47) Bromodichloromethane	9.37	83	444419	49.966	ug/l	97
48) Methyl methacrylate	9.17	41	331504	49.636	ug/l	99
49) 1,4-Dioxane	9.17	88	97792	945.709	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1989435	257.907	ug/l	100
52) Toluene	10.13	92	740650	50.555	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	497609	51.304	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	528415	50.599	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	283130	49.319	ug/l	99
56) Ethyl methacrylate	10.40	69	452054	51.782	ug/l	100
57) 1,3-Dichloropropane	10.68	76	504523	50.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1124108	240.056	ug/l	100
59) 2-Hexanone	10.72	43	1470768	258.530	ug/l	100
60) Dibromochloromethane	10.87	129	325017	51.557	ug/l	100
61) 1,2-Dibromoethane	10.98	107	298910	49.945	ug/l	99
64) Tetrachloroethene	10.60	164	304526	49.797	ug/l	99
65) Chlorobenzene	11.41	112	781107	48.603	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	286674	48.959	ug/l	99
67) Ethyl Benzene	11.49	91	1464311	50.753	ug/l	100
68) m/p-Xylenes	11.59	106	1070922	100.346	ug/l	100
69) o-Xylene	11.92	106	514072	50.193	ug/l	99
70) Styrene	11.94	104	879860	51.689	ug/l	99
71) Bromoform	12.10	173	205295	50.691	ug/l #	100
73) Isopropylbenzene	12.23	105	1401543	48.434	ug/l	100
74) N-amyl acetate	12.05	43	624161	52.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	384128	46.350	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	382544m	48.333	ug/l	
77) Bromobenzene	12.50	156	313288	47.100	ug/l	99
78) n-propylbenzene	12.57	91	1644820	50.035	ug/l	99
79) 2-Chlorotoluene	12.65	91	974491	48.212	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1192841	49.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	142970	48.534	ug/l	99
82) 4-Chlorotoluene	12.75	91	1036548	48.921	ug/l	99
83) tert-Butylbenzene	12.97	119	976850	47.936	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1200237	49.557	ug/l	99
85) sec-Butylbenzene	13.15	105	1308747	50.480	ug/l	99
86) p-Isopropyltoluene	13.26	119	1202532	50.594	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	587670	48.327	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	596323	51.309	ug/l	100
89) n-Butylbenzene	13.59	91	1111074	51.784	ug/l	100
90) Hexachloroethane	13.85	117	205649	52.601	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	578346	48.120	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	90235	47.881	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	340967	48.468	ug/l	99
94) Hexachlorobutadiene	14.98	225	129050	50.913	ug/l	99
95) Naphthalene	15.11	128	1048735	49.590	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	317442	50.287	ug/l	99

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

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