

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063742.D
 Acq On : 30 Sep 2020 11:36
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:40:02 PM

Quant Time: Sep 30 12:16:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 30 11:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	282333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	471217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	229707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	456646	95.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.02%	
35) Dibromofluoromethane	7.55	113	317391	96.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.96%	
50) Toluene-d8	10.06	98	1226102	100.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.38%	
62) 4-Bromofluorobenzene	12.38	95	470616	104.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	278402	88.907	ug/l	98
3) Chloromethane	2.04	50	321522	78.735	ug/l	100
4) Vinyl Chloride	2.16	62	324503	88.797	ug/l	99
5) Bromomethane	2.51	94	207641	94.502	ug/l	99
6) Chloroethane	2.67	64	205697	90.697	ug/l	99
7) Trichlorofluoromethane	2.98	101	537260	97.073	ug/l	97
8) Diethyl Ether	3.37	74	188887	89.351	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	283374	91.734	ug/l	99
10) Methyl Iodide	3.91	142	374266	94.495	ug/l	100
11) Tert butyl alcohol	4.73	59	274422	431.630	ug/l	100
12) 1,1-Dichloroethene	3.69	96	278832	90.067	ug/l	96
13) Acrolein	3.57	56	170146	654.968	ug/l	100
14) Allyl chloride	4.27	41	545366	89.746	ug/l	97
15) Acrylonitrile	4.93	53	766978	464.980	ug/l	100
16) Acetone	3.77	43	710357	465.075	ug/l	100
17) Carbon Disulfide	4.01	76	773030	86.463	ug/l	99
18) Methyl Acetate	4.28	43	377741	97.986	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1061133	91.467	ug/l	100
20) Methylene Chloride	4.50	84	328660	85.818	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	309437	89.967	ug/l	98
22) Diisopropyl ether	5.90	45	1138564	90.894	ug/l	99
23) Vinyl Acetate	5.84	43	4846162	472.325	ug/l	99
24) 1,1-Dichloroethane	5.80	63	612900	89.591	ug/l	98
25) 2-Butanone	6.78	43	1110213	478.591	ug/l	99
26) 2,2-Dichloropropane	6.78	77	564202	92.876	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	359955	92.420	ug/l	98
28) Bromochloromethane	7.15	49	325784	100.958	ug/l	100
29) Tetrahydrofuran	7.16	42	723778	457.122	ug/l	100
30) Chloroform	7.33	83	654997	94.778	ug/l	94
31) Cyclohexane	7.61	56	516512	81.049	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	597690	96.595	ug/l	99
36) 1,1-Dichloropropene	7.75	75	474489	95.950	ug/l	99
37) Ethyl Acetate	6.88	43	474614	98.191	ug/l	99
38) Carbon Tetrachloride	7.73	117	518710	101.737	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	490501	92.186	ug/l	98
40) Benzene	8.00	78	1346398	95.381	ug/l	100
41) Methacrylonitrile	7.12	41	202026	91.262	ug/l #	80
42) 1,2-Dichloroethane	8.09	62	572123	99.837	ug/l	100
43) Isopropyl Acetate	8.13	43	832898	96.141	ug/l	99
44) Trichloroethene	8.80	130	347130	100.185	ug/l	97
45) 1,2-Dichloropropane	9.08	63	363737	94.749	ug/l	99
46) Dibromomethane	9.17	93	253183	99.793	ug/l	99
47) Bromodichloromethane	9.37	83	545280	102.945	ug/l	100
48) Methyl methacrylate	9.16	41	414386	97.727	ug/l	98
49) 1,4-Dioxane	9.16	88	109528	1807.977	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2466676	504.539	ug/l	99
52) Toluene	10.13	92	875131	102.654	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	606234	103.104	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	615489	99.577	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	341020	100.187	ug/l	98
56) Ethyl methacrylate	10.40	69	544209	103.507	ug/l	98
57) 1,3-Dichloropropane	10.68	76	594641	97.452	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	1389179	499.098	ug/l	100
59) 2-Hexanone	10.72	43	1842484	519.946	ug/l	100
60) Dibromochloromethane	10.87	129	415547	107.926	ug/l	100
61) 1,2-Dibromoethane	10.98	107	373610	105.768	ug/l	100
64) Tetrachloroethene	10.60	164	318742	104.422	ug/l	99
65) Chlorobenzene	11.41	112	924123	99.237	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	361376	104.976	ug/l	98
67) Ethyl Benzene	11.48	91	1753444	99.974	ug/l	100
68) m/p-Xylenes	11.59	106	1294326	204.138	ug/l	99
69) o-Xylene	11.92	106	617644	102.574	ug/l	100
70) Styrene	11.94	104	1085053	107.425	ug/l	99
71) Bromoform	12.10	173	290232	112.821	ug/l #	96
73) Isopropylbenzene	12.22	105	1697942	93.752	ug/l	100
74) N-amyl acetate	12.05	43	789923	93.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	502831	89.678	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	510188m	91.260	ug/l	
77) Bromobenzene	12.50	156	410159	99.656	ug/l	99
78) n-propylbenzene	12.57	91	2001419	95.074	ug/l	100
79) 2-Chlorotoluene	12.65	91	1198850	94.759	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1462415	97.081	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	190076	93.735	ug/l	99
82) 4-Chlorotoluene	12.75	91	1279992	95.646	ug/l	100
83) tert-Butylbenzene	12.97	119	1183533	95.039	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1471667	96.515	ug/l	98
85) sec-Butylbenzene	13.15	105	1558498	93.705	ug/l	99
86) p-Isopropyltoluene	13.26	119	1420909	96.792	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	747254	98.204	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	760381	98.777	ug/l	98
89) n-Butylbenzene	13.59	91	1280778	95.072	ug/l	99
90) Hexachloroethane	13.85	117	269182	95.908	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	731088	98.377	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	120227	90.930	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	402507	93.512	ug/l	98
94) Hexachlorobutadiene	14.98	225	197161	106.321	ug/l	97
95) Naphthalene	15.10	128	1245953	88.456	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	392630	94.427	ug/l	98

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

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