

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063743.D
 Acq On : 30 Sep 2020 12:00
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:40:22 PM

Quant Time: Sep 30 12:20:44 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	7.63	168	277976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	461793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232390	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	719881	152.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.84%	
35) Dibromofluoromethane	7.55	113	507424	158.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.42%	
50) Toluene-d8	10.06	98	1946470	162.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.60%	
62) 4-Bromofluorobenzene	12.38	95	770628	174.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	348.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	428572	139.009	ug/l	100
3) Chloromethane	2.04	50	489815	121.827	ug/l	100
4) Vinyl Chloride	2.16	62	490313	136.272	ug/l	100
5) Bromomethane	2.51	94	331017	153.014	ug/l	96
6) Chloroethane	2.66	64	307151	137.553	ug/l	99
7) Trichlorofluoromethane	2.98	101	787266	144.475	ug/l	98
8) Diethyl Ether	3.37	74	281507	135.251	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	420425	138.233	ug/l	99
10) Methyl Iodide	3.91	142	579118	148.508	ug/l	100
11) Tert butyl alcohol	4.73	59	405257	647.407	ug/l	100
12) 1,1-Dichloroethene	3.70	96	404479	132.700	ug/l	100
13) Acrolein	3.56	56	248402	971.197	ug/l	99
14) Allyl chloride	4.28	41	805825	134.685	ug/l	98
15) Acrylonitrile	4.93	53	1145458	705.319	ug/l	99
16) Acetone	3.77	43	1035279	688.428	ug/l	98
17) Carbon Disulfide	4.01	76	1152375	130.912	ug/l	99
18) Methyl Acetate	4.27	43	564286	148.669	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1577725	138.127	ug/l	99
20) Methylene Chloride	4.50	84	488040	129.432	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	457430	135.080	ug/l	99
22) Diisopropyl ether	5.90	45	1716295	139.163	ug/l	97
23) Vinyl Acetate	5.84	43	7190052	711.753	ug/l	99
24) 1,1-Dichloroethane	5.80	63	910527	135.183	ug/l	98
25) 2-Butanone	6.78	43	1641950	718.907	ug/l	99
26) 2,2-Dichloropropane	6.78	77	829488	138.686	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	541928	141.323	ug/l	99
28) Bromochloromethane	7.15	49	507772	159.822	ug/l	99
29) Tetrahydrofuran	7.16	42	1079535	692.497	ug/l	99
30) Chloroform	7.33	83	967239	142.153	ug/l	97
31) Cyclohexane	7.61	56	775320	123.567	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	905035	148.558	ug/l	98
36) 1,1-Dichloropropene	7.75	75	711893	146.895	ug/l	100
37) Ethyl Acetate	6.88	43	705388	148.912	ug/l	99
38) Carbon Tetrachloride	7.73	117	781032	156.314	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	736923	141.325	ug/l	96
40) Benzene	8.00	78	2000662	144.622	ug/l	100
41) Methacrylonitrile	7.13	41	330766	152.467	ug/l	92
42) 1,2-Dichloroethane	8.08	62	848409	151.071	ug/l	100
43) Isopropyl Acetate	8.13	43	1245948	146.754	ug/l	99
44) Trichloroethene	8.80	130	516568	152.128	ug/l	99
45) 1,2-Dichloropropane	9.08	63	541988	144.062	ug/l	99
46) Dibromomethane	9.17	93	376542	151.444	ug/l	99
47) Bromodichloromethane	9.37	83	805916	155.257	ug/l	100
48) Methyl methacrylate	9.17	41	626794	150.837	ug/l	97
49) 1,4-Dioxane	9.17	88	166704	2807.938	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	3629311	757.496	ug/l	98
52) Toluene	10.13	92	1312087	157.051	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	911647	158.210	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	930387	153.594	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	515536	154.548	ug/l	98
56) Ethyl methacrylate	10.40	69	816827	158.528	ug/l	98
57) 1,3-Dichloropropane	10.68	76	884362	147.891	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	2120005	777.209	ug/l	100
59) 2-Hexanone	10.72	43	2759713	794.680	ug/l	99
60) Dibromochloromethane	10.87	129	632136	167.530	ug/l	99
61) 1,2-Dibromoethane	10.98	107	551924	159.437	ug/l	99
64) Tetrachloroethene	10.60	164	475366	157.113	ug/l	99
65) Chlorobenzene	11.41	112	1372550	148.697	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	545181	159.773	ug/l	99
67) Ethyl Benzene	11.48	91	2589924	148.975	ug/l	99
68) m/p-Xylenes	11.60	106	1946018	309.641	ug/l	98
69) o-Xylene	11.92	106	931459	156.060	ug/l	100
70) Styrene	11.94	104	1651380	164.942	ug/l	100
71) Bromoform	12.10	173	449022	176.093	ug/l #	98
73) Isopropylbenzene	12.23	105	2555034	139.447	ug/l	99
74) N-amyl acetate	12.05	43	1231941	143.664	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	762401	134.401	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	792904m	140.194	ug/l	
77) Bromobenzene	12.50	156	619375	148.751	ug/l	99
78) n-propylbenzene	12.57	91	2974101	139.649	ug/l	99
79) 2-Chlorotoluene	12.65	91	1799240	140.573	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2203752	144.605	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	294706	143.654	ug/l	97
82) 4-Chlorotoluene	12.75	91	1932611	142.745	ug/l	99
83) tert-Butylbenzene	12.97	119	1808817	143.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	2261600	146.609	ug/l	98
85) sec-Butylbenzene	13.15	105	2371860	140.962	ug/l	100
86) p-Isopropyltoluene	13.26	119	2191495	147.561	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	1152828	149.756	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1156233	148.465	ug/l	99
89) n-Butylbenzene	13.59	91	1978309	145.155	ug/l	99
90) Hexachloroethane	13.85	117	413858	145.753	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	1125358	149.682	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	184450	137.892	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	630004	144.676	ug/l	99
94) Hexachlorobutadiene	14.98	225	306112	163.168	ug/l	98
95) Naphthalene	15.10	128	1955753	137.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	607806	144.489	ug/l	99

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

