

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061422.D
 Acq On : 15 May 2020 22:09
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: May 16 02:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 02:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	185689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	347862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	333530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164771	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	304962	104.15	ug/l	0.00
Spiked Amount			Recovery	=	208.30%	
35) Dibromofluoromethane	7.55	113	168562	84.31	ug/l	0.00
Spiked Amount			Recovery	=	168.62%	
50) Toluene-d8	10.06	98	922406	109.19	ug/l	0.00
Spiked Amount			Recovery	=	218.38%	
62) 4-Bromofluorobenzene	12.38	95	351500	110.52	ug/l	0.00
Spiked Amount			Recovery	=	221.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	164945	88.685	ug/l	99
3) Chloromethane	2.03	50	280737	114.933	ug/l	99
4) Vinyl Chloride	2.16	62	445055	149.527	ug/l	100
5) Bromomethane	2.54	94	241809	155.186	ug/l	100
6) Chloroethane	2.67	64	294148	152.812	ug/l	98
7) Trichlorofluoromethane	2.98	101	485821	145.390	ug/l	97
8) Diethyl Ether	3.37	74	126527	101.611	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	177278	92.601	ug/l	98
10) Methyl Iodide	3.91	142	224833	92.221	ug/l	99
11) Tert butyl alcohol	4.73	59	102345	293.467	ug/l	98
12) 1,1-Dichloroethene	3.70	96	186860	96.889	ug/l	97
13) Acrolein	3.56	56	112694	439.027	ug/l	99
14) Allyl chloride	4.27	41	329067	94.440	ug/l	99
15) Acrylonitrile	4.93	53	492409	428.844	ug/l	99
16) Acetone	3.77	43	311553	224.955	ug/l	99
17) Carbon Disulfide	4.01	76	432123	83.051	ug/l	100
18) Methyl Acetate	4.28	43	198968	53.155	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	758770	102.350	ug/l	99
20) Methylene Chloride	4.50	84	228787	101.110	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	231678	109.170	ug/l	99
22) Diisopropyl ether	5.90	45	785037	95.607	ug/l	100
23) Vinyl Acetate	5.84	43	3201357	484.886	ug/l	99
24) 1,1-Dichloroethane	5.80	63	442704	101.663	ug/l	98
25) 2-Butanone	6.79	43	612793	377.650	ug/l	99
26) 2,2-Dichloropropane	6.78	77	354916	96.409	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	275430	109.613	ug/l	99
28) Bromochloromethane	7.15	49	200324	95.758	ug/l	98
29) Tetrahydrofuran	7.17	42	422606	384.810	ug/l	98
30) Chloroform	7.33	83	466109	105.041	ug/l	99
31) Cyclohexane	7.61	56	406055	96.008	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	418640	107.699	ug/l	100
36) 1,1-Dichloropropene	7.75	75	355268	103.078	ug/l	99
37) Ethyl Acetate	6.88	43	298699	77.398	ug/l	99
38) Carbon Tetrachloride	7.73	117	336639	120.841	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	431030	109.748	ug/l	99
40) Benzene	8.00	78	1057099	102.430	ug/l	100
41) Methacrylonitrile	7.12	41	137203	82.378	ug/l #	83
42) 1,2-Dichloroethane	8.09	62	383476	98.959	ug/l	99
43) Isopropyl Acetate	8.13	43	561500	85.916	ug/l	99
44) Trichloroethene	8.80	130	274675	98.950	ug/l	97
45) 1,2-Dichloropropane	9.08	63	268468	98.052	ug/l	99
46) Dibromomethane	9.17	93	182947	106.907	ug/l	98
47) Bromodichloromethane	9.37	83	390140	106.305	ug/l	98
48) Methyl methacrylate	9.17	41	258925	88.034	ug/l	98
49) 1,4-Dioxane	9.17	88	31978	1013.542	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1575252	415.508	ug/l	99
52) Toluene	10.13	92	702462	112.046	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	443232	107.175	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	455565	104.298	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	259225	104.352	ug/l	98
56) Ethyl methacrylate	10.40	69	432288	115.390	ug/l	98
57) 1,3-Dichloropropane	10.68	76	448721	103.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	928803	473.082	ug/l	99
59) 2-Hexanone	10.72	43	1101001	402.865	ug/l	98
60) Dibromochloromethane	10.88	129	295148	112.726	ug/l	100
61) 1,2-Dibromoethane	10.98	107	272544	109.337	ug/l	99
64) Tetrachloroethene	10.60	164	271371	95.689	ug/l	99
65) Chlorobenzene	11.41	112	713652	107.691	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	263238	110.694	ug/l	99
67) Ethyl Benzene	11.49	91	1375321	110.818	ug/l	100
68) m/p-Xylenes	11.60	106	1046028	229.581	ug/l	97
69) o-Xylene	11.92	106	501435	114.566	ug/l	98
70) Styrene	11.94	104	882878	120.048	ug/l	100
71) Bromoform	12.10	173	195398	113.349	ug/l #	99
73) Isopropylbenzene	12.23	105	1348130	110.632	ug/l	100
74) N-amyl acetate	12.05	43	531306	89.544	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	359372	96.483	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	333237m	97.164	ug/l	
77) Bromobenzene	12.50	156	287833	103.416	ug/l	99
78) n-propylbenzene	12.57	91	1570534	109.020	ug/l	100
79) 2-Chlorotoluene	12.65	91	908776	107.230	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1147514	113.446	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	137109	102.001	ug/l	99
82) 4-Chlorotoluene	12.75	91	991897	111.101	ug/l	99
83) tert-Butylbenzene	12.97	119	935407	110.305	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1144148	110.126	ug/l	100
85) sec-Butylbenzene	13.15	105	1309544	112.971	ug/l	99
86) p-Isopropyltoluene	13.26	119	1178081	112.836	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	550671	107.238	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	550382	104.707	ug/l	99
89) n-Butylbenzene	13.59	91	1068542	111.815	ug/l	99
90) Hexachloroethane	13.85	117	159752	155.427	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	520219	105.569	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	74426	95.693	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	297331	100.741	ug/l	99
94) Hexachlorobutadiene	14.99	225	111124	91.002	ug/l	99
95) Naphthalene	15.11	128	979484	102.118	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	285315	98.004	ug/l	100

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

