

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063292.D
 Acq On : 10 Sep 2020 13:32
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:23 PM

Quant Time: Sep 10 14:50:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	446276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	794347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	714447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	325440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	135641	18.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.98%	
35) Dibromofluoromethane	7.55	113	95974	19.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.00%	
50) Toluene-d8	10.06	98	377528	19.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.80%	
62) 4-Bromofluorobenzene	12.38	95	136517	19.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	83026	19.080	ug/l	98
3) Chloromethane	2.04	50	123441	19.491	ug/l	99
4) Vinyl Chloride	2.17	62	124497	18.137	ug/l	99
5) Bromomethane	2.54	94	85554	15.450	ug/l	99
6) Chloroethane	2.68	64	80405	15.321	ug/l	98
7) Trichlorofluoromethane	2.99	101	188187	18.160	ug/l	98
8) Diethyl Ether	3.38	74	67595	20.131	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	99235	20.757	ug/l	99
10) Methyl Iodide	3.91	142	126861	19.588	ug/l	100
11) Tert butyl alcohol	4.73	59	98474	111.355	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	99213	20.517	ug/l	95
13) Acrolein	3.57	56	43965	133.553	ug/l	98
14) Allyl chloride	4.28	41	195125	22.391	ug/l	97
15) Acrylonitrile	4.93	53	260177	113.754	ug/l	99
16) Acetone	3.78	43	254677	122.060	ug/l	100
17) Carbon Disulfide	4.01	76	285230	19.780	ug/l	100
18) Methyl Acetate	4.28	43	120952	22.738	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	359529	20.166	ug/l	99
20) Methylene Chloride	4.50	84	116200	18.753	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	111198	20.934	ug/l	98
22) Diisopropyl ether	5.90	45	403281	20.875	ug/l	94
23) Vinyl Acetate	5.84	43	1681650	109.416	ug/l	100
24) 1,1-Dichloroethane	5.80	63	220459	20.793	ug/l	99
25) 2-Butanone	6.78	43	378780	118.099	ug/l	98
26) 2,2-Dichloropropane	6.78	77	188782	19.617	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	126842	19.646	ug/l	99
28) Bromochloromethane	7.15	49	100319	18.481	ug/l	99
29) Tetrahydrofuran	7.17	42	253604	114.840	ug/l	100
30) Chloroform	7.33	83	218039	19.731	ug/l	98
31) Cyclohexane	7.61	56	199339	20.004	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	186574	19.653	ug/l	100
36) 1,1-Dichloropropene	7.75	75	162202	21.226	ug/l	99
37) Ethyl Acetate	6.88	43	168461	25.739	ug/l	99
38) Carbon Tetrachloride	7.73	117	163561	21.172	ug/l	98

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

39) Methylcyclohexane	9.05	83	179762	21.049	ug/l	99
40) Benzene	8.00	78	478604	21.460	ug/l	100
41) Methacrylonitrile	7.13	41	72681	22.019	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	177928	21.264	ug/l	98
43) Isopropyl Acetate	8.13	43	285064	22.902	ug/l	99
44) Trichloroethene	8.80	130	121120	22.060	ug/l	100
45) 1,2-Dichloropropane	9.08	63	132425	22.234	ug/l	97
46) Dibromomethane	9.18	93	82499	21.151	ug/l	100
47) Bromodichloromethane	9.37	83	172801	20.698	ug/l	98
48) Methyl methacrylate	9.17	41	133131	23.621	ug/l	99
49) 1,4-Dioxane	9.17	88	41013	472.995	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	821394	121.317	ug/l	99
52) Toluene	10.13	92	288847	20.873	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	190555	20.953	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	206731	21.426	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	114276	21.508	ug/l	98
56) Ethyl methacrylate	10.40	69	177997	21.970	ug/l	98
57) 1,3-Dichloropropane	10.68	76	201114	21.316	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	445942	107.017	ug/l	99
59) 2-Hexanone	10.72	43	593474	124.243	ug/l	100
60) Dibromochloromethane	10.87	129	123586	21.048	ug/l	98
61) 1,2-Dibromoethane	10.98	107	117305	21.336	ug/l	100
64) Tetrachloroethene	10.60	164	120767	23.038	ug/l	94
65) Chlorobenzene	11.41	112	307055	21.374	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	111615	21.047	ug/l	99
67) Ethyl Benzene	11.49	91	566677	21.638	ug/l	98
68) m/p-Xylenes	11.59	106	412967	42.718	ug/l	97
69) o-Xylene	11.92	106	198967	21.299	ug/l	100
70) Styrene	11.94	104	331092	20.689	ug/l	99
71) Bromoform	12.10	173	79325	21.904	ug/l #	98
73) Isopropylbenzene	12.23	105	535977	21.655	ug/l	100
74) N-amyl acetate	12.05	43	231282	22.360	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	154896	21.777	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	141806m	20.373	ug/l	
77) Bromobenzene	12.50	156	118130	21.000	ug/l	95
78) n-propylbenzene	12.57	91	619785	21.641	ug/l	98
79) 2-Chlorotoluene	12.65	91	373549	21.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	450166	21.756	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	55837	21.334	ug/l	99
82) 4-Chlorotoluene	12.75	91	378845	21.260	ug/l	100
83) tert-Butylbenzene	12.97	119	371291	21.023	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	452965	21.721	ug/l	99
85) sec-Butylbenzene	13.15	105	479099	20.912	ug/l	99
86) p-Isopropyltoluene	13.26	119	436856	21.425	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	222822	21.617	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	219553	20.646	ug/l	98
89) n-Butylbenzene	13.59	91	388342	20.587	ug/l	99
90) Hexachloroethane	13.85	117	73045	19.431	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	217509	21.737	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	35455	22.260	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	121730	21.526	ug/l	99
94) Hexachlorobutadiene	14.98	225	45797	21.427	ug/l	95
95) Naphthalene	15.11	128	385532	20.835	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	117614	21.351	ug/l	98

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

