

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062995.D
 Acq On : 18 Aug 2020 19:29
 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
 8/19/2020 5:46:11 PM

Quant Time: Aug 19 05:57:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	193815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	291510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	41290	17.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.96%	
35) Dibromofluoromethane	7.55	113	34311	18.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.12%	
50) Toluene-d8	10.06	98	128981	17.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.36%	
62) 4-Bromofluorobenzene	12.38	95	43205	16.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46649	20.328	ug/l	98
3) Chloromethane	2.03	50	50271	18.917	ug/l	99
4) Vinyl Chloride	2.16	62	49588	19.295	ug/l	96
5) Bromomethane	2.52	94	28083	18.410	ug/l	98
6) Chloroethane	2.66	64	28539	18.808	ug/l	100
7) Trichlorofluoromethane	2.98	101	57715	18.008	ug/l	97
8) Diethyl Ether	3.37	74	18686	16.481	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29905	17.316	ug/l	98
10) Methyl Iodide	3.91	142	37344	17.060	ug/l	97
11) Tert butyl alcohol	4.74	59	28240	86.794	ug/l	97
12) 1,1-Dichloroethene	3.70	96	27254	16.566	ug/l	99
13) Acrolein	3.57	56	5548	54.429	ug/l	100
14) Allyl chloride	4.27	41	48320	16.658	ug/l	98
15) Acrylonitrile	4.93	53	83056	86.849	ug/l	100
16) Acetone	3.78	43	65957	84.320	ug/l	97
17) Carbon Disulfide	4.01	76	75285	17.473	ug/l	98
18) Methyl Acetate	4.28	43	38535	16.881	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	98724	17.207	ug/l	99
20) Methylene Chloride	4.50	84	36559	14.175	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	29577	17.179	ug/l	98
22) Diisopropyl ether	5.91	45	119126	18.097	ug/l	94
23) Vinyl Acetate	5.85	43	368486	82.955	ug/l	99
24) 1,1-Dichloroethane	5.80	63	64334	17.490	ug/l	97
25) 2-Butanone	6.79	43	105029	86.123	ug/l	97
26) 2,2-Dichloropropane	6.78	77	50584	17.486	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	36542	16.933	ug/l	98
28) Bromochloromethane	7.15	49	34974	18.172	ug/l	99
29) Tetrahydrofuran	7.17	42	69386	88.157	ug/l	99
30) Chloroform	7.33	83	64455	17.399	ug/l	99
31) Cyclohexane	7.61	56	58956	17.414	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	52964	17.512	ug/l	100
36) 1,1-Dichloropropene	7.75	75	42897	16.698	ug/l	99
37) Ethyl Acetate	6.89	43	41214	17.079	ug/l	99
38) Carbon Tetrachloride	7.73	117	45196	17.426	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51954	17.115	ug/l	97
40) Benzene	8.00	78	140121	17.197	ug/l	99
41) Methacrylonitrile	7.13	41	18959m	16.531	ug/l	
42) 1,2-Dichloroethane	8.09	62	48065	17.569	ug/l	100
43) Isopropyl Acetate	8.13	43	67725	16.983	ug/l	99
44) Trichloroethene	8.80	130	34426	16.986	ug/l	96
45) 1,2-Dichloropropane	9.08	63	40915	17.372	ug/l	99
46) Dibromomethane	9.17	93	24118	17.726	ug/l	99
47) Bromodichloromethane	9.37	83	51288	17.211	ug/l	100
48) Methyl methacrylate	9.17	41	32649	17.303	ug/l	96
49) 1,4-Dioxane	9.17	88	12433	338.038	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	225148	89.320	ug/l	98
52) Toluene	10.13	92	85966	17.490	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	52898	17.165	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	58951	17.438	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	37100	17.653	ug/l	99
56) Ethyl methacrylate	10.40	69	48682	17.154	ug/l	96
57) 1,3-Dichloropropane	10.68	76	61047	17.493	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	55484	81.573	ug/l	98
59) 2-Hexanone	10.72	43	154306	87.762	ug/l	96
60) Dibromochloromethane	10.88	129	39766	17.098	ug/l	99
61) 1,2-Dibromoethane	10.98	107	35832	17.744	ug/l	99
64) Tetrachloroethene	10.60	164	31299	17.167	ug/l	99
65) Chlorobenzene	11.41	112	94336	16.935	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	36725	16.950	ug/l	99
67) Ethyl Benzene	11.49	91	161799	17.190	ug/l	100
68) m/p-Xylenes	11.60	106	123193	35.215	ug/l	99
69) o-Xylene	11.92	106	58842	17.516	ug/l	99
70) Styrene	11.94	104	101063	17.530	ug/l	99
71) Bromoform	12.10	173	29504	17.108	ug/l #	99
73) Isopropylbenzene	12.23	105	157856	17.497	ug/l	99
74) N-amyl acetate	12.05	43	56668	17.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	54013	16.779	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	45927m	17.699	ug/l	
77) Bromobenzene	12.50	156	42946	17.308	ug/l	98
78) n-propylbenzene	12.57	91	183491	17.843	ug/l	99
79) 2-Chlorotoluene	12.65	91	112121	17.334	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	131651	17.652	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	15926	17.080	ug/l	95
82) 4-Chlorotoluene	12.75	91	115230	17.495	ug/l	99
83) tert-Butylbenzene	12.97	119	112225	17.434	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	129201	17.782	ug/l	99
85) sec-Butylbenzene	13.15	105	153462	17.640	ug/l	100
86) p-Isopropyltoluene	13.26	119	131854	17.394	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	71987	16.881	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	72726	16.803	ug/l	97
89) n-Butylbenzene	13.59	91	102831	16.075	ug/l	97
90) Hexachloroethane	13.85	117	27314	16.953	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	71950	17.467	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8412	18.513	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	29819	16.568	ug/l	100
94) Hexachlorobutadiene	14.99	225	25409	16.693	ug/l	100
95) Naphthalene	15.11	128	61917	15.423	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	30584	16.920	ug/l	99

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

