

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061007.D
 Acq On : 16 Apr 2020 12:41
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:53:12 AM

Quant Time: Apr 16 13:16:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	172481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	289220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	208634	90.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.60%	
35) Dibromofluoromethane	7.56	113	165398	96.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.16%	
50) Toluene-d8	10.08	98	603194	87.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.12%	
62) 4-Bromofluorobenzene	12.39	95	243959	95.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	228345	129.049	ug/l	100
3) Chloromethane	2.03	50	305994	97.966	ug/l	99
4) Vinyl Chloride	2.17	62	258573	105.071	ug/l	100
5) Bromomethane	2.53	94	124963	113.910	ug/l	98
6) Chloroethane	2.68	64	152026	107.221	ug/l	98
7) Trichlorofluoromethane	3.00	101	318877	104.834	ug/l	99
8) Diethyl Ether	3.38	74	125380	103.066	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	182260	103.995	ug/l	99
10) Methyl Iodide	3.92	142	169234	107.381	ug/l	100
11) Tert butyl alcohol	4.72	59	193838	543.365	ug/l	100
12) 1,1-Dichloroethene	3.71	96	186842	99.786	ug/l	99
13) Acrolein	3.57	56	164001	441.430	ug/l	100
14) Allyl chloride	4.29	41	345614	103.719	ug/l	98
15) Acrylonitrile	4.94	53	563194	544.740	ug/l	99
16) Acetone	3.77	43	474451	544.800	ug/l	100
17) Carbon Disulfide	4.03	76	581364	101.812	ug/l	99
18) Methyl Acetate	4.28	43	314781	126.673	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	649866	100.618	ug/l	99
20) Methylene Chloride	4.52	84	210288	101.513	ug/l	100
21) trans-1,2-Dichloroethene	5.00	96	201443	100.957	ug/l	98
22) Diisopropyl ether	5.91	45	739410	105.559	ug/l	98
23) Vinyl Acetate	5.85	43	2955601	520.037	ug/l	100
24) 1,1-Dichloroethane	5.82	63	396356	103.838	ug/l	100
25) 2-Butanone	6.79	43	767729	554.377	ug/l	100
26) 2,2-Dichloropropane	6.79	77	332275	108.938	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	229161	100.786	ug/l	99
28) Bromochloromethane	7.17	49	177607	97.760	ug/l	98
29) Tetrahydrofuran	7.18	42	518420	533.693	ug/l	100
30) Chloroform	7.34	83	370108	101.424	ug/l	99
31) Cyclohexane	7.63	56	386533	99.961	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	322307	102.849	ug/l	100
36) 1,1-Dichloropropene	7.77	75	299708	106.179	ug/l	100
37) Ethyl Acetate	6.89	43	320835	104.659	ug/l	99
38) Carbon Tetrachloride	7.75	117	265260	105.509	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	360404	107.022	ug/l	99
40) Benzene	8.02	78	875992	102.920	ug/l	100
41) Methacrylonitrile	7.14	41	146490m	111.849	ug/l	
42) 1,2-Dichloroethane	8.10	62	300170	103.081	ug/l	100
43) Isopropyl Acetate	8.14	43	540974	107.308	ug/l	100
44) Trichloroethene	8.81	130	217997	102.087	ug/l	100
45) 1,2-Dichloropropane	9.10	63	237712	105.641	ug/l	99
46) Dibromomethane	9.19	93	143211	105.782	ug/l	99
47) Bromodichloromethane	9.38	83	298180	105.608	ug/l	98
48) Methyl methacrylate	9.18	41	249915	111.094	ug/l	98
49) 1,4-Dioxane	9.18	88	65313	2411.025	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	1578491	549.261	ug/l	99
52) Toluene	10.14	92	530310	103.272	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	352686	108.672	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	377566	105.797	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	200848	101.678	ug/l	96
56) Ethyl methacrylate	10.42	69	347454	112.684	ug/l	99
57) 1,3-Dichloropropane	10.70	76	359946	104.801	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	798007	542.480	ug/l	100
59) 2-Hexanone	10.74	43	1168215	564.503	ug/l	99
60) Dibromochloromethane	10.89	129	217697	107.047	ug/l	99
61) 1,2-Dibromoethane	10.99	107	212086	107.127	ug/l	99
64) Tetrachloroethene	10.62	164	197980	95.572	ug/l	99
65) Chlorobenzene	11.42	112	544217	103.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	195851	102.684	ug/l	99
67) Ethyl Benzene	11.50	91	1026749	104.643	ug/l	99
68) m/p-Xylenes	11.61	106	755842	208.133	ug/l	99
69) o-Xylene	11.94	106	361415	104.276	ug/l	99
70) Styrene	11.96	104	618770	109.042	ug/l	99
71) Bromoform	12.12	173	158743	111.673	ug/l #	99
73) Isopropylbenzene	12.24	105	968381	100.072	ug/l	100
74) N-amyl acetate	12.06	43	477738	106.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	305217	103.765	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	267473m	96.332	ug/l	
77) Bromobenzene	12.52	156	229107	98.631	ug/l	99
78) n-propylbenzene	12.58	91	1166423	101.699	ug/l	100
79) 2-Chlorotoluene	12.67	91	678043	99.330	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	827176	100.651	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	116402	107.112	ug/l	98
82) 4-Chlorotoluene	12.77	91	712133	102.199	ug/l	100
83) tert-Butylbenzene	12.99	119	692403	101.615	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	834373	102.705	ug/l	100
85) sec-Butylbenzene	13.17	105	948894	103.313	ug/l	100
86) p-Isopropyltoluene	13.28	119	854230	103.529	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	416582	101.315	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	419138	101.605	ug/l	99
89) n-Butylbenzene	13.61	91	814614	108.809	ug/l	99
90) Hexachloroethane	13.87	117	133061	110.602	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	397352	101.359	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	64310	97.579	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	255032	105.997	ug/l	99
94) Hexachlorobutadiene	15.00	225	120636	101.428	ug/l	99
95) Naphthalene	15.13	128	751061	104.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	241602	101.926	ug/l	99

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

