

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060716.D
 Acq On : 26 Mar 2020 15:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 3/27/2020 10:11:31 AM

Quant Time: Mar 27 07:07:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145786	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	129337	48.35	ug/l	0.00
Spiked Amount						
			Recovery	=	96.70%	
35) Dibromofluoromethane	7.56	113	97177	49.71	ug/l	0.00
Spiked Amount						
			Recovery	=	99.42%	
50) Toluene-d8	10.08	98	393401	49.26	ug/l	0.00
Spiked Amount						
			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.40	95	144247	49.29	ug/l	0.00
Spiked Amount						
			Recovery	=	98.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	92089	48.846	ug/l	99
3) Chloromethane	2.04	50	159688	45.352	ug/l	98
4) Vinyl Chloride	2.17	62	124528	45.216	ug/l	99
5) Bromomethane	2.55	94	58966	49.598	ug/l	99
6) Chloroethane	2.69	64	78418	49.429	ug/l	98
7) Trichlorofluoromethane	3.00	101	165575	48.805	ug/l	98
8) Diethyl Ether	3.38	74	68183	50.029	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	98349	50.029	ug/l	100
10) Methyl Iodide	3.93	142	87687	50.128	ug/l	99
11) Tert butyl alcohol	4.72	59	85215	216.625	ug/l	99
12) 1,1-Dichloroethene	3.72	96	102167	48.430	ug/l	99
13) Acrolein	3.58	56	119263	273.554	ug/l	100
14) Allyl chloride	4.30	41	181955	49.041	ug/l	97
15) Acrylonitrile	4.94	53	283978	245.495	ug/l	99
16) Acetone	3.78	43	225278	237.770	ug/l	98
17) Carbon Disulfide	4.03	76	296739	46.251	ug/l	100
18) Methyl Acetate	4.29	43	131098	49.158	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	347908	47.968	ug/l	96
20) Methylene Chloride	4.52	84	114801	49.256	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	107895	47.989	ug/l	96
22) Diisopropyl ether	5.91	45	402571	51.357	ug/l	98
23) Vinyl Acetate	5.86	43	1641926	256.724	ug/l	99
24) 1,1-Dichloroethane	5.82	63	215168	50.352	ug/l	99
25) 2-Butanone	6.80	43	369033	240.702	ug/l	99
26) 2,2-Dichloropropane	6.80	77	179451	53.374	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	124022	48.542	ug/l	97
28) Bromochloromethane	7.17	49	106044	51.868	ug/l	98
29) Tetrahydrofuran	7.18	42	252982	233.213	ug/l	98
30) Chloroform	7.35	83	202770	49.497	ug/l	100
31) Cyclohexane	7.63	56	202258	46.949	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	174328	49.363	ug/l	99
36) 1,1-Dichloropropene	7.77	75	156930	50.126	ug/l	99
37) Ethyl Acetate	6.89	43	158515	46.859	ug/l	99
38) Carbon Tetrachloride	7.75	117	141931	50.582	ug/l	98

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39) Methylcyclohexane	9.07	83	189142	50.838	ug/l	97
40) Benzene	8.02	78	474679	50.226	ug/l	100
41) Methacrylonitrile	7.15	41	81369m	56.362	ug/l	
42) 1,2-Dichloroethane	8.10	62	162837	50.416	ug/l	99
43) Isopropyl Acetate	8.14	43	274079	49.127	ug/l	100
44) Trichloroethene	8.82	130	119519	50.166	ug/l	98
45) 1,2-Dichloropropane	9.10	63	128985	51.722	ug/l	97
46) Dibromomethane	9.19	93	76606	50.812	ug/l	99
47) Bromodichloromethane	9.39	83	161145	51.436	ug/l	98
48) Methyl methacrylate	9.18	41	122431	49.290	ug/l	99
49) 1,4-Dioxane	9.18	88	26819	908.376	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	789663	248.739	ug/l	99
52) Toluene	10.14	92	286925	50.270	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	185785	51.626	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	201539	51.049	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	110368	50.262	ug/l	100
56) Ethyl methacrylate	10.42	69	176232	51.472	ug/l	99
57) 1,3-Dichloropropane	10.70	76	192689	50.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	399441	234.733	ug/l	99
59) 2-Hexanone	10.74	43	567331	248.081	ug/l	100
60) Dibromochloromethane	10.89	129	115854	51.078	ug/l	99
61) 1,2-Dibromoethane	10.99	107	111791	50.629	ug/l	100
64) Tetrachloroethene	10.62	164	113555	48.653	ug/l	97
65) Chlorobenzene	11.43	112	293993	50.001	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	107551	50.521	ug/l	98
67) Ethyl Benzene	11.50	91	554555	50.717	ug/l	99
68) m/p-Xylenes	11.62	106	406442	100.029	ug/l	99
69) o-Xylene	11.94	106	194868	50.239	ug/l	98
70) Styrene	11.96	104	327206	51.579	ug/l	99
71) Bromoform	12.12	173	82590	46.790	ug/l #	100
73) Isopropylbenzene	12.25	105	528558	48.311	ug/l	99
74) N-amyl acetate	12.06	43	241978	47.864	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	157908	47.727	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	144560m	45.954	ug/l	
77) Bromobenzene	12.52	156	124989	47.410	ug/l	99
78) n-propylbenzene	12.59	91	624253	48.295	ug/l	99
79) 2-Chlorotoluene	12.67	91	364994	47.260	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	445903	48.027	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	58246	47.554	ug/l	99
82) 4-Chlorotoluene	12.77	91	379163	48.204	ug/l	100
83) tert-Butylbenzene	12.99	119	374186	48.617	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	447323	48.700	ug/l	100
85) sec-Butylbenzene	13.17	105	513186	49.585	ug/l	100
86) p-Isopropyltoluene	13.28	119	462341	49.678	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	225527	48.504	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	226072	48.394	ug/l	100
89) n-Butylbenzene	13.61	91	427719	50.903	ug/l	100
90) Hexachloroethane	13.87	117	66067	48.837	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	218735	49.198	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	31271	45.099	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	136785	50.099	ug/l	99
94) Hexachlorobutadiene	15.01	225	66998	50.057	ug/l	99
95) Naphthalene	15.13	128	390052	47.497	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	130594	48.561	ug/l	99

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

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