

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060685.D
 Acq On : 24 Mar 2020 20:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/25/2020 10:20:45 PM

Quant Time: Mar 25 08:24:40 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	185868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	316302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145690	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	128429	50.33	ug/l	0.00
Spiked Amount						
			Recovery	=	100.66%	
35) Dibromofluoromethane	7.56	113	95460	49.91	ug/l	0.00
Spiked Amount						
			Recovery	=	99.82%	
50) Toluene-d8	10.08	98	384990	49.28	ug/l	0.00
Spiked Amount						
			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.40	95	143225	50.03	ug/l	0.00
Spiked Amount						
			Recovery	=	100.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	91963	51.135	ug/l	99
3) Chloromethane	2.04	50	157141	46.784	ug/l	99
4) Vinyl Chloride	2.17	62	124178	47.267	ug/l	100
5) Bromomethane	2.54	94	56566	49.877	ug/l	99
6) Chloroethane	2.68	64	76641	50.642	ug/l	100
7) Trichlorofluoromethane	3.00	101	163628	50.560	ug/l	97
8) Diethyl Ether	3.38	74	66676	51.286	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	95695	51.030	ug/l	99
10) Methyl Iodide	3.93	142	85147	51.027	ug/l	100
11) Tert butyl alcohol	4.72	59	99900	266.222	ug/l	99
12) 1,1-Dichloroethene	3.72	96	98854	49.123	ug/l	95
13) Acrolein	3.57	56	147005	353.471	ug/l	100
14) Allyl chloride	4.29	41	170578	48.195	ug/l	99
15) Acrylonitrile	4.94	53	300465	272.293	ug/l	100
16) Acetone	3.78	43	242820	268.663	ug/l	99
17) Carbon Disulfide	4.03	76	294697	48.152	ug/l	99
18) Methyl Acetate	4.28	43	137034	53.866	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	346703	50.111	ug/l	99
20) Methylene Chloride	4.52	84	111432	50.119	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	106387	49.603	ug/l	96
22) Diisopropyl ether	5.91	45	390180	52.181	ug/l	98
23) Vinyl Acetate	5.86	43	1652897	270.921	ug/l	99
24) 1,1-Dichloroethane	5.82	63	209794	51.466	ug/l	100
25) 2-Butanone	6.80	43	399366	273.067	ug/l	100
26) 2,2-Dichloropropane	6.80	77	155525	48.492	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	123372	50.619	ug/l	100
28) Bromochloromethane	7.17	49	101838	52.216	ug/l	99
29) Tetrahydrofuran	7.18	42	275539	266.275	ug/l	99
30) Chloroform	7.35	83	199138	50.959	ug/l	99
31) Cyclohexane	7.63	56	196399	47.791	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	172396	51.174	ug/l	99
36) 1,1-Dichloropropene	7.77	75	154214	50.351	ug/l	100
37) Ethyl Acetate	6.90	43	170934	51.651	ug/l	100
38) Carbon Tetrachloride	7.75	117	137567	50.115	ug/l	98

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39) Methylcyclohexane	9.07	83	181685	49.917	ug/l	99
40) Benzene	8.02	78	464268	50.214	ug/l	100
41) Methacrylonitrile	7.14	41	78090m	55.290	ug/l	
42) 1,2-Dichloroethane	8.10	62	161258	51.035	ug/l	100
43) Isopropyl Acetate	8.14	43	284188	52.070	ug/l	100
44) Trichloroethene	8.82	130	116631	50.040	ug/l	99
45) 1,2-Dichloropropane	9.10	63	125087	51.272	ug/l	98
46) Dibromomethane	9.19	93	76749	52.036	ug/l	99
47) Bromodichloromethane	9.39	83	159463	52.029	ug/l	99
48) Methyl methacrylate	9.18	41	129261	53.194	ug/l	100
49) 1,4-Dioxane	9.18	88	32474	1124.319	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	850241	273.763	ug/l	100
52) Toluene	10.14	92	283501	50.772	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	181753	51.626	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	194194	50.280	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	110235	51.316	ug/l	98
56) Ethyl methacrylate	10.42	69	180748	53.963	ug/l	99
57) 1,3-Dichloropropane	10.70	76	193558	51.924	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	410926	246.840	ug/l	100
59) 2-Hexanone	10.74	43	622768	278.365	ug/l	100
60) Dibromochloromethane	10.89	129	118344	53.333	ug/l	100
61) 1,2-Dibromoethane	10.99	107	113380	52.488	ug/l	100
64) Tetrachloroethene	10.62	164	108779	46.692	ug/l	99
65) Chlorobenzene	11.43	112	289079	49.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	106146	49.951	ug/l	99
67) Ethyl Benzene	11.50	91	538957	49.380	ug/l	99
68) m/p-Xylenes	11.62	106	400251	98.685	ug/l	99
69) o-Xylene	11.94	106	191737	49.521	ug/l	99
70) Styrene	11.96	104	324516	51.248	ug/l	100
71) Bromoform	12.12	173	85546	48.489	ug/l #	99
73) Isopropylbenzene	12.25	105	513623	46.977	ug/l	100
74) N-amyl acetate	12.06	43	255770	50.625	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	164292	49.690	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	134407m	42.755	ug/l	
77) Bromobenzene	12.52	156	124678	47.324	ug/l	99
78) n-propylbenzene	12.59	91	610519	47.264	ug/l	99
79) 2-Chlorotoluene	12.67	91	355900	46.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	436651	47.061	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	58682	47.941	ug/l	98
82) 4-Chlorotoluene	12.77	91	372855	47.433	ug/l	100
83) tert-Butylbenzene	12.99	119	362906	47.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	440913	48.034	ug/l	100
85) sec-Butylbenzene	13.17	105	490147	47.390	ug/l	100
86) p-Isopropyltoluene	13.28	119	439354	47.240	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	224037	48.215	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	224837	48.161	ug/l	99
89) n-Butylbenzene	13.61	91	402492	47.933	ug/l	99
90) Hexachloroethane	13.87	117	68588	50.734	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	219043	49.300	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	35270	50.934	ug/l	96

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93) 1,2,4-Trichlorobenzene	14.90	180	138144	50.631	ug/l	100
94) Hexachlorobutadiene	15.01	225	60699	45.381	ug/l	99
95) Naphthalene	15.13	128	426248	51.939	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	132919	49.459	ug/l	99

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

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