

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061544.D
 Acq On : 28 May 2020 20:29
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN052820

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:46:55 PM

Quant Time: May 29 02:30:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	356213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	603817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	573432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	290661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	214564	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
35) Dibromofluoromethane	7.55	113	159957	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.06	98	723623	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.38	95	261853	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	204775	49.794	ug/l	97
3) Chloromethane	2.03	50	231601	53.307	ug/l	100
4) Vinyl Chloride	2.16	62	313533	52.661	ug/l	99
5) Bromomethane	2.53	94	178456	52.236	ug/l	99
6) Chloroethane	2.67	64	194169	50.667	ug/l	99
7) Trichlorofluoromethane	2.98	101	397903	51.827	ug/l	100
8) Diethyl Ether	3.37	74	115523	49.208	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	168148	49.354	ug/l	99
10) Methyl Iodide	3.91	142	247115	52.250	ug/l	100
11) Tert butyl alcohol	4.73	59	147082	260.549	ug/l	99
12) 1,1-Dichloroethene	3.69	96	178834	49.132	ug/l	95
13) Acrolein	3.56	56	43184	266.041	ug/l	98
14) Allyl chloride	4.27	41	235537	49.497	ug/l	99
15) Acrylonitrile	4.93	53	408535	259.279	ug/l	99
16) Acetone	3.77	43	311867	267.054	ug/l	99
17) Carbon Disulfide	4.01	76	398696	49.787	ug/l	98
18) Methyl Acetate	4.27	43	189697	49.375	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	616932	49.732	ug/l	98
20) Methylene Chloride	4.50	84	200120	51.946	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	203734	49.633	ug/l	97
22) Diisopropyl ether	5.90	45	530637	50.594	ug/l	97
23) Vinyl Acetate	5.84	43	2159006	258.277	ug/l	99
24) 1,1-Dichloroethane	5.80	63	334216	50.253	ug/l	99
25) 2-Butanone	6.79	43	506832	251.982	ug/l	99
26) 2,2-Dichloropropane	6.78	77	284350	46.713	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	236615	50.905	ug/l	100
28) Bromochloromethane	7.15	49	131667	52.814	ug/l	100
29) Tetrahydrofuran	7.17	42	335122	252.667	ug/l	99
30) Chloroform	7.33	83	372536	50.631	ug/l	98
31) Cyclohexane	7.61	56	290986	48.649	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	344531	51.389	ug/l	99
36) 1,1-Dichloropropene	7.75	75	271203	50.736	ug/l	100
37) Ethyl Acetate	6.88	43	225491	52.375	ug/l	99
38) Carbon Tetrachloride	7.73	117	270930	52.547	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	334013	50.696	ug/l	99
40) Benzene	8.00	78	825748	50.067	ug/l	100
41) Methacrylonitrile	7.13	41	96767	49.057	ug/l	94
42) 1,2-Dichloroethane	8.08	62	273934	49.611	ug/l	99
43) Isopropyl Acetate	8.13	43	388777	50.192	ug/l	99
44) Trichloroethene	8.80	130	259628	51.222	ug/l	94
45) 1,2-Dichloropropane	9.08	63	197659	50.471	ug/l	99
46) Dibromomethane	9.17	93	149318	49.713	ug/l	99
47) Bromodichloromethane	9.37	83	303550	51.010	ug/l	99
48) Methyl methacrylate	9.17	41	169714	48.699	ug/l	99
49) 1,4-Dioxane	9.17	88	54059	1001.322	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1118463	256.238	ug/l	99
52) Toluene	10.12	92	550469	51.137	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	327096	51.025	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	348129	50.506	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	216226	50.418	ug/l	97
56) Ethyl methacrylate	10.40	69	313846	52.387	ug/l	99
57) 1,3-Dichloropropane	10.68	76	348831	50.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	668939	261.285	ug/l	100
59) 2-Hexanone	10.72	43	801710	255.747	ug/l	100
60) Dibromochloromethane	10.87	129	253454	51.984	ug/l	100
61) 1,2-Dibromoethane	10.98	107	232005	51.869	ug/l	100
64) Tetrachloroethene	10.60	164	274742	50.899	ug/l	99
65) Chlorobenzene	11.41	112	599770	50.318	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	224288	50.535	ug/l	99
67) Ethyl Benzene	11.48	91	1049755	50.955	ug/l	100
68) m/p-Xylenes	11.60	106	835045	102.226	ug/l	99
69) o-Xylene	11.92	106	398405	51.350	ug/l	100
70) Styrene	11.94	104	674231	52.475	ug/l	99
71) Bromoform	12.10	173	178814	52.286	ug/l #	98
73) Isopropylbenzene	12.22	105	1053803	49.674	ug/l	100
74) N-amyl acetate	12.05	43	341269	51.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	286128	48.129	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	250329m	47.363	ug/l	
77) Bromobenzene	12.50	156	269424	49.754	ug/l	99
78) n-propylbenzene	12.57	91	1174681	49.599	ug/l	100
79) 2-Chlorotoluene	12.65	91	688412	48.748	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	890122	50.200	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	100114	48.439	ug/l	98
82) 4-Chlorotoluene	12.75	91	724785	48.786	ug/l	100
83) tert-Butylbenzene	12.97	119	764405	48.792	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	896544	50.897	ug/l	99
85) sec-Butylbenzene	13.15	105	1005930	49.829	ug/l	99
86) p-Isopropyltoluene	13.26	119	945633	50.865	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	484202	50.495	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	486890	49.842	ug/l	100
89) n-Butylbenzene	13.59	91	785389	50.437	ug/l	99
90) Hexachloroethane	13.85	117	103181	50.185	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	463666	50.597	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	57221	47.195	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	280581	52.353	ug/l	98
94) Hexachlorobutadiene	14.98	225	113835	49.802	ug/l	97
95) Naphthalene	15.10	128	862934	52.899	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	274324	52.060	ug/l	99

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

