

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062205.D
 Acq On : 29 Jun 2020 22:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:42:43 AM

Quant Time: Jun 30 06:10:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	224395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180635	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	169442	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.62%		
35) Dibromofluoromethane	7.55	113	132687	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.16%		
50) Toluene-d8	10.06	98	529185	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.94%		
62) 4-Bromofluorobenzene	12.38	95	180330	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.80%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	113541	44.765	ug/l	98
3) Chloromethane	2.03	50	150164	50.296	ug/l	99
4) Vinyl Chloride	2.16	62	181306	45.391	ug/l	100
5) Bromomethane	2.52	94	121722	47.151	ug/l	98
6) Chloroethane	2.66	64	128002	46.912	ug/l	99
7) Trichlorofluoromethane	2.98	101	212183	43.111	ug/l	99
8) Diethyl Ether	3.37	74	90045	52.394	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	120652	46.812	ug/l	97
10) Methyl Iodide	3.91	142	156506	53.918	ug/l	99
11) Tert butyl alcohol	4.73	59	116840	258.422	ug/l #	85
12) 1,1-Dichloroethene	3.69	96	124709	48.401	ug/l	100
13) Acrolein	3.56	56	127863	288.851	ug/l	100
14) Allyl chloride	4.28	41	178816	50.974	ug/l	100
15) Acrylonitrile	4.93	53	332120	269.563	ug/l	100
16) Acetone	3.77	43	256275	259.427	ug/l	97
17) Carbon Disulfide	4.00	76	345583	46.830	ug/l	99
18) Methyl Acetate	4.28	43	135478	54.120	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	430492	52.287	ug/l	98
20) Methylene Chloride	4.50	84	150876	52.202	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	140282	47.792	ug/l	98
22) Diisopropyl ether	5.90	45	423633	53.038	ug/l	98
23) Vinyl Acetate	5.84	43	1760501	269.964	ug/l	99
24) 1,1-Dichloroethane	5.80	63	261842	50.908	ug/l	99
25) 2-Butanone	6.79	43	410856	266.929	ug/l	99
26) 2,2-Dichloropropane	6.77	77	184928	43.146	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	161621	48.933	ug/l	99
28) Bromochloromethane	7.15	49	111724	50.064	ug/l	94
29) Tetrahydrofuran	7.17	42	275000	272.750	ug/l	100
30) Chloroform	7.33	83	263056	50.268	ug/l	98
31) Cyclohexane	7.61	56	210500	48.383	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	220106	49.875	ug/l	98
36) 1,1-Dichloropropene	7.75	75	193040	47.434	ug/l	98
37) Ethyl Acetate	6.88	43	178103	52.851	ug/l	98
38) Carbon Tetrachloride	7.73	117	181876	47.403	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	219660	49.261	ug/l	100
40) Benzene	8.00	78	609643	49.148	ug/l	98
41) Methacrylonitrile	7.13	41	76915m	49.232	ug/l	
42) 1,2-Dichloroethane	8.09	62	210649	50.263	ug/l	99
43) Isopropyl Acetate	8.13	43	290550	52.890	ug/l	98
44) Trichloroethene	8.80	130	145224	46.412	ug/l	97
45) 1,2-Dichloropropane	9.09	63	158485	51.789	ug/l	100
46) Dibromomethane	9.18	93	102317	49.314	ug/l	99
47) Bromodichloromethane	9.37	83	211951	50.593	ug/l	99
48) Methyl methacrylate	9.17	41	132425	53.763	ug/l	98
49) 1,4-Dioxane	9.17	88	56665	1037.382	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	898468	279.929	ug/l	100
52) Toluene	10.12	92	383344	50.650	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	233477	50.656	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	249517	50.849	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	154392	51.895	ug/l	98
56) Ethyl methacrylate	10.40	69	219602	55.310	ug/l	99
57) 1,3-Dichloropropane	10.68	76	263759	51.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	418004	247.455	ug/l	98
59) 2-Hexanone	10.72	43	660643	285.047	ug/l	99
60) Dibromochloromethane	10.87	129	159194	50.541	ug/l	100
61) 1,2-Dibromoethane	10.98	107	153320	50.154	ug/l	100
64) Tetrachloroethene	10.60	164	116423	44.406	ug/l	98
65) Chlorobenzene	11.41	112	401157	47.595	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	142926	49.039	ug/l	99
67) Ethyl Benzene	11.48	91	719377	50.536	ug/l	100
68) m/p-Xylenes	11.60	106	553239	100.483	ug/l	99
69) o-Xylene	11.92	106	263107	50.648	ug/l	97
70) Styrene	11.94	104	453713	52.370	ug/l	99
71) Bromoform	12.10	173	101548	49.004	ug/l #	100
73) Isopropylbenzene	12.22	105	700693	50.112	ug/l	99
74) N-amyl acetate	12.05	43	260703	50.606	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	230852	49.613	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	194362m	45.708	ug/l	
77) Bromobenzene	12.50	156	163489	47.096	ug/l	96
78) n-propylbenzene	12.57	91	810740	50.690	ug/l	99
79) 2-Chlorotoluene	12.65	91	474608	49.085	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	579427	51.118	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	71999	49.447	ug/l	97
82) 4-Chlorotoluene	12.75	91	496058	49.611	ug/l	98
83) tert-Butylbenzene	12.97	119	495820	51.112	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	578171	51.072	ug/l	100
85) sec-Butylbenzene	13.15	105	674792	52.644	ug/l	99
86) p-Isopropyltoluene	13.26	119	590382	52.571	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	293895	48.213	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	291329	46.363	ug/l	100
89) n-Butylbenzene	13.59	91	496055	53.130	ug/l	99
90) Hexachloroethane	13.85	117	113905	51.696	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	288003	48.722	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	37710	50.591	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	125088	48.440	ug/l	100
94) Hexachlorobutadiene	14.99	225	56092	50.012	ug/l	99
95) Naphthalene	15.10	128	377076	44.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	128308	48.593	ug/l	98

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

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