

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062401.D
 Acq On : 8 Jul 2020 11:26
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:54:52 AM

Quant Time: Jul 08 12:02:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 11:45:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	193582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	327919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	301299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137504	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	149298	43.98	ug/l	0.00
Spiked Amount			Recovery	=	87.96%	
35) Dibromofluoromethane	7.55	113	105681	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
50) Toluene-d8	10.06	98	415484	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.38	95	151111	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	102026	46.988	ug/l	100
3) Chloromethane	2.04	50	156736	47.963	ug/l	100
4) Vinyl Chloride	2.16	62	131926	47.467	ug/l	100
5) Bromomethane	2.52	94	70179	48.849	ug/l	100
6) Chloroethane	2.66	64	78121	48.213	ug/l	100
7) Trichlorofluoromethane	2.98	101	167205	44.416	ug/l	100
8) Diethyl Ether	3.37	74	76009	50.674	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	100500	46.896	ug/l	100
10) Methyl Iodide	3.91	142	137151	52.734	ug/l	100
11) Tert butyl alcohol	4.74	59	123378	255.356	ug/l	100
12) 1,1-Dichloroethene	3.70	96	101960	50.754	ug/l	100
13) Acrolein	3.57	56	88070	354.803	ug/l	100
14) Allyl chloride	4.28	41	242003	49.926	ug/l	100
15) Acrylonitrile	4.93	53	348266	271.103	ug/l	100
16) Acetone	3.78	43	308280	196.726	ug/l	100
17) Carbon Disulfide	4.01	76	311405	48.924	ug/l	100
18) Methyl Acetate	4.28	43	157876	44.902	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	388411	50.947	ug/l	100
20) Methylene Chloride	4.50	84	127991	44.457	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	113118	50.924	ug/l	100
22) Diisopropyl ether	5.90	45	484486	50.126	ug/l	100
23) Vinyl Acetate	5.84	43	2055616	273.835	ug/l	100
24) 1,1-Dichloroethane	5.80	63	246216	50.942	ug/l	100
25) 2-Butanone	6.79	43	486417	242.240	ug/l	100
26) 2,2-Dichloropropane	6.78	77	184485	46.967	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	129890	51.210	ug/l	100
28) Bromochloromethane	7.15	49	130490	49.137	ug/l	100
29) Tetrahydrofuran	7.17	42	326951	255.065	ug/l	100
30) Chloroform	7.33	83	224032	47.997	ug/l	100
31) Cyclohexane	7.61	56	221817	49.518	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	185840	47.570	ug/l	100
36) 1,1-Dichloropropene	7.75	75	175686	50.602	ug/l	100
37) Ethyl Acetate	6.88	43	201573	49.884	ug/l	100
38) Carbon Tetrachloride	7.73	117	158134	46.152	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	191870	51.341	ug/l	100
40) Benzene	8.00	78	514215	52.065	ug/l	100
41) Methacrylonitrile	7.13	41	90469	44.951	ug/l	100
42) 1,2-Dichloroethane	8.08	62	189858	44.758	ug/l	100
43) Isopropyl Acetate	8.13	43	329568	48.827	ug/l	100
44) Trichloroethene	8.80	130	113823	48.559	ug/l	100
45) 1,2-Dichloropropane	9.08	63	149862	51.741	ug/l	100
46) Dibromomethane	9.17	93	84541	47.822	ug/l	100
47) Bromodichloromethane	9.37	83	183414	48.636	ug/l	100
48) Methyl methacrylate	9.17	41	160582	46.809	ug/l	100
49) 1,4-Dioxane	9.17	88	46338	983.059	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1007176	276.688	ug/l	100
52) Toluene	10.13	92	299615	51.185	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	208339	51.311	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	226425	51.811	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	120318	50.993	ug/l	100
56) Ethyl methacrylate	10.40	69	209334	54.963	ug/l	100
57) 1,3-Dichloropropane	10.68	76	220138	50.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	357195	265.002	ug/l	100
59) 2-Hexanone	10.72	43	734887	268.867	ug/l	100
60) Dibromochloromethane	10.87	129	130450	49.075	ug/l	100
61) 1,2-Dibromoethane	10.98	107	120369	49.929	ug/l	100
64) Tetrachloroethene	10.60	164	91962	47.335	ug/l	100
65) Chlorobenzene	11.41	112	310855	50.080	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	116215	49.904	ug/l	100
67) Ethyl Benzene	11.48	91	591996	53.907	ug/l	100
68) m/p-Xylenes	11.60	106	421028	104.864	ug/l	100
69) o-Xylene	11.92	106	202892	51.230	ug/l	100
70) Styrene	11.94	104	350422	53.538	ug/l	100
71) Bromoform	12.10	173	89017	49.001	ug/l #	100
73) Isopropylbenzene	12.22	105	546877	53.011	ug/l	100
74) N-amyl acetate	12.04	43	288368	52.766	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	184500	51.053	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	163175m	49.098	ug/l	
77) Bromobenzene	12.50	156	123925	50.977	ug/l	100
78) n-propylbenzene	12.57	91	657435	55.826	ug/l	100
79) 2-Chlorotoluene	12.65	91	390045	52.125	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	458343	53.048	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	65507	54.817	ug/l	100
82) 4-Chlorotoluene	12.75	91	401019	52.494	ug/l	100
83) tert-Butylbenzene	12.97	119	386387	52.464	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	455119	53.218	ug/l	100
85) sec-Butylbenzene	13.15	105	516932	54.978	ug/l	100
86) p-Isopropyltoluene	13.26	119	455815	53.838	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	221530	50.865	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	222852	49.533	ug/l	100
89) n-Butylbenzene	13.59	91	395092	54.137	ug/l	100
90) Hexachloroethane	13.85	117	87273	48.628	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	215252	51.578	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	35254	50.487	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	106816	54.676	ug/l	100
94) Hexachlorobutadiene	14.98	225	56261	46.022	ug/l	100
95) Naphthalene	15.10	128	291707	56.335	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	105931	52.848	ug/l	100

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

