

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064161.D
 Acq On : 15 Oct 2020 22:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/19/2020 11:26:27 AM

Quant Time: Oct 16 04:29:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	357256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	595777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	577667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	287586	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	250216	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
35) Dibromofluoromethane	7.55	113	202293	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
50) Toluene-d8	10.06	98	773187	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.38	95	269417	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	165128	49.058	ug/l	99
3) Chloromethane	2.04	50	201623	48.092	ug/l	99
4) Vinyl Chloride	2.16	62	251261	48.148	ug/l	99
5) Bromomethane	2.53	94	168599	43.052	ug/l	98
6) Chloroethane	2.67	64	198283	47.792	ug/l	99
7) Trichlorofluoromethane	2.98	101	350248	48.797	ug/l	99
8) Diethyl Ether	3.38	74	109856	48.921	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	174686	49.577	ug/l	99
10) Methyl Iodide	3.91	142	220049	44.298	ug/l	99
11) Tert butyl alcohol	4.73	59	133332	236.670	ug/l	100
12) 1,1-Dichloroethene	3.70	96	173979	48.895	ug/l	100
13) Acrolein	3.57	56	198236	428.400	ug/l	97
14) Allyl chloride	4.28	41	267942	48.262	ug/l	98
15) Acrylonitrile	4.93	53	405433	250.643	ug/l	99
16) Acetone	3.78	43	371108	245.896	ug/l	99
17) Carbon Disulfide	4.01	76	497778	48.945	ug/l	99
18) Methyl Acetate	4.28	43	190774	50.392	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	540172	51.468	ug/l	99
20) Methylene Chloride	4.50	84	218905	46.876	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	201311	49.902	ug/l	96
22) Diisopropyl ether	5.90	45	574353	53.254	ug/l	97
23) Vinyl Acetate	5.85	43	2608762	270.789	ug/l	99
24) 1,1-Dichloroethane	5.80	63	373281	49.561	ug/l	99
25) 2-Butanone	6.78	43	571030	245.993	ug/l	98
26) 2,2-Dichloropropane	6.78	77	273822	43.698	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	235984	49.726	ug/l	98
28) Bromochloromethane	7.15	49	178278	49.696	ug/l #	97
29) Tetrahydrofuran	7.17	42	344340	253.813	ug/l	99
30) Chloroform	7.33	83	406074	50.609	ug/l	99
31) Cyclohexane	7.61	56	269100	47.842	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	351569	50.707	ug/l	99
36) 1,1-Dichloropropene	7.75	75	291329	50.732	ug/l	99
37) Ethyl Acetate	6.88	43	264756	51.951	ug/l	99
38) Carbon Tetrachloride	7.73	117	309340	50.096	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	248764	51.528	ug/l	98
40) Benzene	8.00	78	889428	51.146	ug/l	99
41) Methacrylonitrile	7.12	41	93522	42.387	ug/l #	79
42) 1,2-Dichloroethane	8.09	62	320296	51.764	ug/l	100
43) Isopropyl Acetate	8.13	43	429365	50.771	ug/l #	91
44) Trichloroethene	8.80	130	227540	49.760	ug/l	98
45) 1,2-Dichloropropane	9.08	63	232710	51.076	ug/l	99
46) Dibromomethane	9.17	93	163501	50.581	ug/l	99
47) Bromodichloromethane	9.37	83	326290	51.593	ug/l	100
48) Methyl methacrylate	9.17	41	213050	54.539	ug/l	98
49) 1,4-Dioxane	9.17	88	57524	969.755	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1335038	266.781	ug/l	99
52) Toluene	10.13	92	560556	52.461	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	342578	52.794	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	365373	51.245	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	231929	52.394	ug/l	98
56) Ethyl methacrylate	10.40	69	311257	48.596	ug/l	99
57) 1,3-Dichloropropane	10.68	76	378686	51.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	793359	243.550	ug/l	99
59) 2-Hexanone	10.72	43	958025	247.739	ug/l	100
60) Dibromochloromethane	10.87	129	256424	51.569	ug/l	99
61) 1,2-Dibromoethane	10.98	107	236879	52.574	ug/l	99
64) Tetrachloroethene	10.60	164	213153	48.942	ug/l	97
65) Chlorobenzene	11.41	112	612817	50.376	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	235965	51.091	ug/l	99
67) Ethyl Benzene	11.49	91	1078602	52.930	ug/l	99
68) m/p-Xylenes	11.60	106	826350	98.403	ug/l	99
69) o-Xylene	11.92	106	389448	48.497	ug/l	100
70) Styrene	11.94	104	685199	49.456	ug/l	100
71) Bromoform	12.10	173	182694	47.849	ug/l	97
73) Isopropylbenzene	12.23	105	1019055	48.919	ug/l	99
74) N-amyl acetate	12.05	43	388975	49.861	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	327136	45.612	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	291145m	43.152	ug/l	
77) Bromobenzene	12.50	156	270707	47.868	ug/l	100
78) n-propylbenzene	12.57	91	1171258	50.376	ug/l	100
79) 2-Chlorotoluene	12.65	91	705794	47.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	858907	51.369	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	102458	46.395	ug/l	99
82) 4-Chlorotoluene	12.75	91	731739	49.098	ug/l	98
83) tert-Butylbenzene	12.97	119	694858	50.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	856632	49.157	ug/l	100
85) sec-Butylbenzene	13.15	105	905097	50.915	ug/l	99
86) p-Isopropyltoluene	13.26	119	817381	48.632	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	472700	50.166	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	478140	49.612	ug/l	99
89) n-Butylbenzene	13.59	91	671911	51.871	ug/l	99
90) Hexachloroethane	13.85	117	138858	46.936	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	472308	50.361	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62439	45.233	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	219217	47.755	ug/l	98
94) Hexachlorobutadiene	14.98	225	108528	48.577	ug/l	98
95) Naphthalene	15.10	128	642476	45.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	221664	48.389	ug/l	98

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

