

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063735.D
 Acq On : 29 Sep 2020 18:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/30/2020 1:20:47 PM

Quant Time: Sep 30 01:51:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	257264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215628	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	7.55	113	148969	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.06	98	563471	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.38	95	220787	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	115587	39.658	ug/l	99
3) Chloromethane	2.04	50	138845	36.011	ug/l	100
4) Vinyl Chloride	2.16	62	140845	41.230	ug/l	98
5) Bromomethane	2.52	94	86189	42.494	ug/l	98
6) Chloroethane	2.67	64	92207	43.973	ug/l	97
7) Trichlorofluoromethane	2.98	101	241401	47.364	ug/l	100
8) Diethyl Ether	3.38	74	90373	45.486	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	134097	46.784	ug/l	99
10) Methyl Iodide	3.91	142	151440	40.582	ug/l	99
11) Tert butyl alcohol	4.73	59	134988	222.499	ug/l	100
12) 1,1-Dichloroethene	3.70	96	122919	42.339	ug/l	96
13) Acrolein	3.57	56	35558	158.155	ug/l	98
14) Allyl chloride	4.28	41	239726	41.745	ug/l	96
15) Acrylonitrile	4.93	53	358339	232.202	ug/l	99
16) Acetone	3.77	43	333689	237.090	ug/l	98
17) Carbon Disulfide	4.01	76	308053	36.479	ug/l	100
18) Methyl Acetate	4.28	43	186991	52.335	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	490221	45.306	ug/l	99
20) Methylene Chloride	4.50	84	153435	43.028	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	137664	42.799	ug/l	95
22) Diisopropyl ether	5.90	45	522466	44.610	ug/l	97
23) Vinyl Acetate	5.84	43	2181581	226.809	ug/l	99
24) 1,1-Dichloroethane	5.80	63	282147	44.126	ug/l	99
25) 2-Butanone	6.78	43	512084	236.571	ug/l	98
26) 2,2-Dichloropropane	6.78	77	235327	41.801	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	164907	45.296	ug/l	99
28) Bromochloromethane	7.15	49	135037	45.739	ug/l	94
29) Tetrahydrofuran	7.17	42	336518	227.626	ug/l	98
30) Chloroform	7.33	83	302844	47.207	ug/l	100
31) Cyclohexane	7.62	56	224684	37.148	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	266362	46.682	ug/l	98
36) 1,1-Dichloropropene	7.75	75	211404	45.681	ug/l	99
37) Ethyl Acetate	6.88	43	219176	48.256	ug/l	99
38) Carbon Tetrachloride	7.74	117	229603	48.603	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	208788	41.569	ug/l	98
40) Benzene	8.00	78	613292	46.424	ug/l	99
41) Methacrylonitrile	7.14	41	104769m	51.287	ug/l	
42) 1,2-Dichloroethane	8.09	62	259863	48.914	ug/l	99
43) Isopropyl Acetate	8.13	43	377621	46.496	ug/l #	90
44) Trichloroethene	8.80	130	155047	48.389	ug/l	96
45) 1,2-Dichloropropane	9.08	63	172156	47.848	ug/l	97
46) Dibromomethane	9.18	93	115637	48.899	ug/l	96
47) Bromodichloromethane	9.37	83	242779	49.417	ug/l	99
48) Methyl methacrylate	9.17	41	193344	48.455	ug/l	98
49) 1,4-Dioxane	9.17	88	54262	947.623	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1152520	253.484	ug/l	100
52) Toluene	10.13	92	393429	49.533	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	265421	48.394	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	272178	47.047	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	156766	49.690	ug/l	96
56) Ethyl methacrylate	10.40	69	243445	49.429	ug/l	98
57) 1,3-Dichloropropane	10.68	76	276410	48.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	618875	239.538	ug/l	96
59) 2-Hexanone	10.72	43	848990	257.741	ug/l	100
60) Dibromochloromethane	10.87	129	186245	52.255	ug/l	98
61) 1,2-Dibromoethane	10.98	107	167662	51.153	ug/l	99
64) Tetrachloroethene	10.60	164	144164	53.000	ug/l	98
65) Chlorobenzene	11.41	112	414945	48.935	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	163468	52.591	ug/l	99
67) Ethyl Benzene	11.49	91	777881	48.713	ug/l	100
68) m/p-Xylenes	11.59	106	566455	98.386	ug/l	99
69) o-Xylene	11.92	106	278516	50.782	ug/l	99
70) Styrene	11.94	104	476815	51.842	ug/l	99
71) Bromoform	12.10	173	125992	54.411	ug/l #	98
73) Isopropylbenzene	12.23	105	749531	46.356	ug/l	100
74) N-amyl acetate	12.05	43	347680	45.425	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	234515	46.843	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	222763m	44.604	ug/l	
77) Bromobenzene	12.50	156	181176	49.813	ug/l	92
78) n-propylbenzene	12.57	91	865891	45.979	ug/l	98
79) 2-Chlorotoluene	12.65	91	528767	46.839	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	640113	47.476	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	79443	43.611	ug/l	97
82) 4-Chlorotoluene	12.75	91	549976	46.109	ug/l	100
83) tert-Butylbenzene	12.97	119	519755	46.707	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	641785	47.125	ug/l	99
85) sec-Butylbenzene	13.15	105	689300	46.276	ug/l	99
86) p-Isopropyltoluene	13.26	119	619713	47.169	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	331132	49.120	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	329381	48.058	ug/l	99
89) n-Butylbenzene	13.59	91	544124	44.932	ug/l	99
90) Hexachloroethane	13.85	117	115116	46.015	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	327565	49.493	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55913	46.900	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	174567	44.740	ug/l	98
94) Hexachlorobutadiene	14.98	225	86470	53.532	ug/l	97
95) Naphthalene	15.10	128	546967	42.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	167875	44.529	ug/l	97

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

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