

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063698.D
 Acq On : 28 Sep 2020 11:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 4:37:55 PM

Quant Time: Sep 29 00:46:46 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	7.62	168	234894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	371563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	214800	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
35) Dibromofluoromethane	7.55	113	149743	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	
50) Toluene-d8	10.06	98	539091	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.38	95	209240	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	113876	42.792	ug/l	98
3) Chloromethane	2.04	50	144535	41.056	ug/l	97
4) Vinyl Chloride	2.16	62	142385	45.651	ug/l	97
5) Bromomethane	2.52	94	96100	51.893	ug/l	100
6) Chloroethane	2.67	64	91900	48.000	ug/l	97
7) Trichlorofluoromethane	2.98	101	232622	49.988	ug/l	98
8) Diethyl Ether	3.37	74	86611	47.744	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	127454	48.701	ug/l	99
10) Methyl Iodide	3.91	142	161092	47.279	ug/l	97
11) Tert butyl alcohol	4.73	59	125171	225.967	ug/l	97
12) 1,1-Dichloroethene	3.69	96	120112	45.313	ug/l	98
13) Acrolein	3.57	56	47247	230.158	ug/l	99
14) Allyl chloride	4.27	41	238216	45.433	ug/l	95
15) Acrylonitrile	4.93	53	345503	245.206	ug/l	99
16) Acetone	3.77	43	325488	253.287	ug/l	100
17) Carbon Disulfide	4.01	76	313246	40.626	ug/l	99
18) Methyl Acetate	4.27	43	178679	54.771	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	483022	48.892	ug/l	99
20) Methylene Chloride	4.50	84	152889	46.958	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	134038	45.640	ug/l	93
22) Diisopropyl ether	5.90	45	517876	48.429	ug/l	99
23) Vinyl Acetate	5.84	43	2151734	245.010	ug/l	99
24) 1,1-Dichloroethane	5.79	63	279678	47.905	ug/l	99
25) 2-Butanone	6.78	43	485853	245.829	ug/l	98
26) 2,2-Dichloropropane	6.77	77	232995	45.328	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	163696	49.245	ug/l	98
28) Bromochloromethane	7.15	49	134263	49.807	ug/l	97
29) Tetrahydrofuran	7.16	42	315653	233.847	ug/l	100
30) Chloroform	7.32	83	293847	50.167	ug/l	100
31) Cyclohexane	7.61	56	215633	39.047	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	260540	50.010	ug/l	99
36) 1,1-Dichloropropene	7.75	75	202374	48.708	ug/l	100
37) Ethyl Acetate	6.88	43	206018	50.522	ug/l	100
38) Carbon Tetrachloride	7.73	117	221308	52.180	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	194331	43.095	ug/l	98
40) Benzene	8.00	78	590261	49.767	ug/l	99
41) Methacrylonitrile	7.13	41	103662m	56.521	ug/l	
42) 1,2-Dichloroethane	8.08	62	262516	55.038	ug/l	99
43) Isopropyl Acetate	8.12	43	363341	49.831	ug/l	99
44) Trichloroethene	8.80	130	145758	50.668	ug/l	98
45) 1,2-Dichloropropane	9.08	63	167204	51.761	ug/l	95
46) Dibromomethane	9.17	93	114249	53.811	ug/l	98
47) Bromodichloromethane	9.37	83	242323	54.939	ug/l	99
48) Methyl methacrylate	9.16	41	178702	49.884	ug/l	97
49) 1,4-Dioxane	9.16	88	51769	1006.997	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1096063	268.508	ug/l	98
52) Toluene	10.12	92	378122	53.025	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	262300	53.268	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	271440	52.261	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	159599	56.346	ug/l	98
56) Ethyl methacrylate	10.40	69	232534	52.588	ug/l	98
57) 1,3-Dichloropropane	10.68	76	267235	52.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	589914	254.319	ug/l	97
59) 2-Hexanone	10.72	43	804014	271.871	ug/l	99
60) Dibromochloromethane	10.87	129	183342	57.296	ug/l	98
61) 1,2-Dibromoethane	10.98	107	160197	54.439	ug/l	97
64) Tetrachloroethene	10.60	164	139866	55.281	ug/l	98
65) Chlorobenzene	11.41	112	396297	50.245	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	157636	54.523	ug/l	99
67) Ethyl Benzene	11.48	91	744805	50.145	ug/l	100
68) m/p-Xylenes	11.59	106	549083	102.530	ug/l	100
69) o-Xylene	11.92	106	262247	51.406	ug/l	99
70) Styrene	11.94	104	463521	54.181	ug/l	100
71) Bromoform	12.10	173	122486	56.869	ug/l #	99
73) Isopropylbenzene	12.22	105	706891	47.477	ug/l	99
74) N-amyl acetate	12.05	43	328379	46.592	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	227338	49.313	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	211503m	45.991	ug/l	
77) Bromobenzene	12.50	156	176048	52.564	ug/l	93
78) n-propylbenzene	12.57	91	831605	47.954	ug/l	99
79) 2-Chlorotoluene	12.65	91	507636	48.833	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	612010	49.294	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	78239	46.643	ug/l	96
82) 4-Chlorotoluene	12.75	91	536698	48.864	ug/l	99
83) tert-Butylbenzene	12.97	119	485895	47.418	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	620151	49.451	ug/l	99
85) sec-Butylbenzene	13.15	105	649547	47.356	ug/l	99
86) p-Isopropyltoluene	13.26	119	593292	49.040	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	319375	51.449	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	318428	50.454	ug/l	100
89) n-Butylbenzene	13.59	91	513518	46.050	ug/l	99
90) Hexachloroethane	13.85	117	110870	48.128	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	316201	51.883	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53645	48.866	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	169328	47.128	ug/l	99
94) Hexachlorobutadiene	14.98	225	79238	53.272	ug/l	99
95) Naphthalene	15.10	128	514386	43.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	165364	47.634	ug/l	98

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

