

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063479.D
 Acq On : 21 Sep 2020 12:34
 Operator : JC/MD
 Sample : VN0921MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:07:05 PM

Quant Time: Sep 22 02:41:14 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	281425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	477316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	443616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213041	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	241348	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	7.55	113	168723	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.06	98	638140	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.38	95	245591	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57273	17.964	ug/l	97
3) Chloromethane	2.04	50	69004	16.360	ug/l	100
4) Vinyl Chloride	2.16	62	67623	18.096	ug/l	99
5) Bromomethane	2.53	94	45524	20.518	ug/l	98
6) Chloroethane	2.67	64	39771	17.338	ug/l	95
7) Trichlorofluoromethane	2.98	101	107246	19.236	ug/l	98
8) Diethyl Ether	3.37	74	40162	18.479	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	56703	18.084	ug/l	96
10) Methyl Iodide	3.91	142	73073	17.900	ug/l	98
11) Tert butyl alcohol	4.73	59	63868	96.235	ug/l	98
12) 1,1-Dichloroethene	3.69	96	55539	17.488	ug/l	99
13) Acrolein	3.57	56	23084	93.858	ug/l	100
14) Allyl chloride	4.28	41	109305	17.400	ug/l	98
15) Acrylonitrile	4.93	53	155621	92.184	ug/l	99
16) Acetone	3.77	43	139160	90.386	ug/l	100
17) Carbon Disulfide	4.01	76	154582	16.734	ug/l	98
18) Methyl Acetate	4.28	43	77720	19.885	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	216541	18.294	ug/l	97
20) Methylene Chloride	4.50	84	68457	17.549	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	61829	17.572	ug/l	95
22) Diisopropyl ether	5.90	45	225188	17.577	ug/l	96
23) Vinyl Acetate	5.84	43	960970	91.330	ug/l	100
24) 1,1-Dichloroethane	5.80	63	124577	17.810	ug/l	99
25) 2-Butanone	6.78	43	221729	93.640	ug/l	96
26) 2,2-Dichloropropane	6.78	77	109641	17.803	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	74853	18.795	ug/l	99
28) Bromochloromethane	7.15	49	57664	17.855	ug/l	95
29) Tetrahydrofuran	7.16	42	146740	90.736	ug/l	99
30) Chloroform	7.33	83	126843	18.075	ug/l	97
31) Cyclohexane	7.61	56	111670	16.878	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	113025	18.108	ug/l	99
36) 1,1-Dichloropropene	7.75	75	91715	18.036	ug/l	98
37) Ethyl Acetate	6.88	43	96187	19.273	ug/l	99
38) Carbon Tetrachloride	7.73	117	96592	18.608	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	100424	18.196	ug/l	99
40) Benzene	8.00	78	271047	18.672	ug/l	99
41) Methacrylonitrile	7.14	41	46202m	20.583	ug/l	
42) 1,2-Dichloroethane	8.08	62	112294	19.236	ug/l	100
43) Isopropyl Acetate	8.13	43	165330	18.526	ug/l	99
44) Trichloroethene	8.80	130	66381	18.854	ug/l	99
45) 1,2-Dichloropropane	9.08	63	75444	19.082	ug/l	98
46) Dibromomethane	9.17	93	50209	19.322	ug/l	99
47) Bromodichloromethane	9.37	83	104549	19.367	ug/l	100
48) Methyl methacrylate	9.16	41	82140	18.734	ug/l	99
49) 1,4-Dioxane	9.16	88	25738	409.059	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	490165	98.111	ug/l	99
52) Toluene	10.12	92	170362	19.520	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	111988	18.582	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	120087	18.891	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	69614	20.081	ug/l	98
56) Ethyl methacrylate	10.40	69	101085	18.678	ug/l	98
57) 1,3-Dichloropropane	10.68	76	117876	18.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	261554	92.131	ug/l	96
59) 2-Hexanone	10.72	43	357012	98.636	ug/l	100
60) Dibromochloromethane	10.87	129	74583	19.044	ug/l	97
61) 1,2-Dibromoethane	10.98	107	70296	19.518	ug/l	100
64) Tetrachloroethene	10.60	164	62382	20.651	ug/l	96
65) Chlorobenzene	11.41	112	176190	18.710	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	66403	19.237	ug/l	98
67) Ethyl Benzene	11.48	91	330740	18.651	ug/l	99
68) m/p-Xylenes	11.59	106	242781	37.971	ug/l	98
69) o-Xylene	11.92	106	117836	19.347	ug/l	98
70) Styrene	11.94	104	193034	18.899	ug/l	99
71) Bromoform	12.10	173	49462	19.235	ug/l #	99
73) Isopropylbenzene	12.22	105	308967	18.098	ug/l	99
74) N-amyl acetate	12.04	43	142491	17.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	98291	18.595	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	99085m	18.791	ug/l	
77) Bromobenzene	12.50	156	74476	19.394	ug/l	95
78) n-propylbenzene	12.57	91	365195	18.366	ug/l	100
79) 2-Chlorotoluene	12.65	91	220035	18.460	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	266119	18.694	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	33973	17.664	ug/l	98
82) 4-Chlorotoluene	12.75	91	229248	18.203	ug/l	98
83) tert-Butylbenzene	12.97	119	215923	18.377	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	269802	18.763	ug/l	99
85) sec-Butylbenzene	13.15	105	287711	18.294	ug/l	99
86) p-Isopropyltoluene	13.26	119	260347	18.768	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	135541	19.043	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	135633	18.743	ug/l	98
89) n-Butylbenzene	13.59	91	239726	18.749	ug/l	98
90) Hexachloroethane	13.85	117	46560	17.627	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	130928	18.736	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23358	18.557	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	77372	18.781	ug/l	99
94) Hexachlorobutadiene	14.98	225	35982	21.098	ug/l	99
95) Naphthalene	15.10	128	253451	18.622	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	75187	18.889	ug/l	100

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

