

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063299.D
 Acq On : 10 Sep 2020 17:23
 Operator : JC/MD
 Sample : VN0910MBSD01
 Misc : 5.00µl/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910MBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:36 PM

Quant Time: Sep 11 06:21:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	473131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	846394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	765412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	342062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	337759	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
35) Dibromofluoromethane	7.55	113	249883	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
50) Toluene-d8	10.06	98	969412	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
62) 4-Bromofluorobenzene	12.38	95	353454	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	82590	18.176	ug/l	97
3) Chloromethane	2.04	50	121193	18.849	ug/l	97
4) Vinyl Chloride	2.17	62	121993	18.976	ug/l	98
5) Bromomethane	2.54	94	85085	18.970	ug/l	100
6) Chloroethane	2.68	64	79175	18.827	ug/l	94
7) Trichlorofluoromethane	2.99	101	177207	17.825	ug/l	97
8) Diethyl Ether	3.38	74	64704	18.253	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95847	18.454	ug/l	99
10) Methyl Iodide	3.91	142	120626	17.916	ug/l	100
11) Tert butyl alcohol	4.73	59	91235	92.831	ug/l	99
12) 1,1-Dichloroethene	3.70	96	95813	18.480	ug/l	99
13) Acrolein	3.57	56	52014	116.937	ug/l	96
14) Allyl chloride	4.28	41	177049	16.635	ug/l	96
15) Acrylonitrile	4.93	53	252935	94.127	ug/l	99
16) Acetone	3.78	43	227839	88.763	ug/l	97
17) Carbon Disulfide	4.02	76	273347	18.178	ug/l	98
18) Methyl Acetate	4.28	43	118891	18.426	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	340160	18.361	ug/l	99
20) Methylene Chloride	4.51	84	122186	20.148	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	104887	18.077	ug/l	90
22) Diisopropyl ether	5.90	45	388965	18.570	ug/l	90
23) Vinyl Acetate	5.85	43	1601932	97.164	ug/l	99
24) 1,1-Dichloroethane	5.80	63	211024	18.604	ug/l	100
25) 2-Butanone	6.78	43	357730	94.346	ug/l	99
26) 2,2-Dichloropropane	6.78	77	179084	18.013	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	120704	17.850	ug/l	99
28) Bromochloromethane	7.15	49	96647	17.571	ug/l	100
29) Tetrahydrofuran	7.17	42	232873	94.322	ug/l	98
30) Chloroform	7.33	83	208144	18.327	ug/l	95
31) Cyclohexane	7.61	56	195299	18.732	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	180530	18.235	ug/l	100
36) 1,1-Dichloropropene	7.75	75	156974	18.043	ug/l	99
37) Ethyl Acetate	6.88	43	157858	18.443	ug/l	99
38) Carbon Tetrachloride	7.73	117	157204	18.360	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	171349	18.054	ug/l	97
40) Benzene	8.00	78	454282	18.282	ug/l	100
41) Methacrylonitrile	7.14	41	68239m	17.626	ug/l	
42) 1,2-Dichloroethane	8.09	62	172298	18.276	ug/l	99
43) Isopropyl Acetate	8.13	43	267791	18.475	ug/l #	92
44) Trichloroethene	8.80	130	118274	18.201	ug/l	98
45) 1,2-Dichloropropane	9.09	63	125249	18.376	ug/l	98
46) Dibromomethane	9.18	93	81901	18.530	ug/l	97
47) Bromodichloromethane	9.37	83	170211	18.480	ug/l	94
48) Methyl methacrylate	9.17	41	127585	18.447	ug/l	97
49) 1,4-Dioxane	9.17	88	35960	335.813	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	781801	97.871	ug/l	99
52) Toluene	10.13	92	282761	18.638	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	183093	18.229	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	196765	18.195	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	108840	18.308	ug/l	98
56) Ethyl methacrylate	10.40	69	169572	18.757	ug/l	98
57) 1,3-Dichloropropane	10.68	76	196529	18.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	396716	81.810	ug/l	100
59) 2-Hexanone	10.72	43	570687	96.870	ug/l	98
60) Dibromochloromethane	10.87	129	119150	18.252	ug/l	100
61) 1,2-Dibromoethane	10.98	107	113441	18.304	ug/l	99
64) Tetrachloroethene	10.60	164	114314	18.231	ug/l	98
65) Chlorobenzene	11.41	112	296399	17.987	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.48	131	107657	17.932	ug/l	99
67) Ethyl Benzene	11.49	91	553854	18.723	ug/l	97
68) m/p-Xylenes	11.59	106	402148	36.751	ug/l	99
69) o-Xylene	11.92	106	194921	18.562	ug/l	98
70) Styrene	11.94	104	322871	18.499	ug/l	99
71) Bromoform	12.10	173	76146	18.338	ug/l #	99
73) Isopropylbenzene	12.23	105	525257	19.037	ug/l	99
74) N-amyl acetate	12.05	43	220062	19.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	150091	18.995	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	133344m	17.670	ug/l	
77) Bromobenzene	12.50	156	118057	18.615	ug/l	99
78) n-propylbenzene	12.57	91	600959	19.173	ug/l	99
79) 2-Chlorotoluene	12.65	91	361184	18.741	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	432479	18.877	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	51342	18.280	ug/l	99
82) 4-Chlorotoluene	12.75	91	372195	18.424	ug/l	99
83) tert-Butylbenzene	12.97	119	364703	18.770	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	442083	19.144	ug/l	100
85) sec-Butylbenzene	13.15	105	475473	19.235	ug/l	98
86) p-Isopropyltoluene	13.26	119	424161	18.717	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	212762	18.351	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	213075	18.578	ug/l	99
89) n-Butylbenzene	13.59	91	383650	18.754	ug/l	99
90) Hexachloroethane	13.85	117	70933	19.029	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	210555	18.374	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32742	18.222	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	117489	17.516	ug/l	97
94) Hexachlorobutadiene	14.98	225	45629	18.061	ug/l	99
95) Naphthalene	15.11	128	360742	17.548	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	110609	17.833	ug/l	98

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

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