

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061624.D
 Acq On : 2 Jun 2020 17:13
 Operator : JC/MD
 Sample : VN0602MBSD01
 Misc : 5.00µg/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:32:30 AM

Quant Time: Jun 03 03:45:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	360540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	621915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	581072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	278534	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	230933	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
35) Dibromofluoromethane	7.55	113	179122	56.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.56%	
50) Toluene-d8	10.06	98	766914	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.37	95	280324	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	81759	20.338	ug/l	98
3) Chloromethane	2.03	50	83492	18.987	ug/l	97
4) Vinyl Chloride	2.16	62	115308	19.135	ug/l	99
5) Bromomethane	2.54	94	69655	20.144	ug/l	96
6) Chloroethane	2.67	64	70888	18.276	ug/l	100
7) Trichlorofluoromethane	2.98	101	134002	17.244	ug/l	98
8) Diethyl Ether	3.37	74	42731	17.983	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	66162	19.187	ug/l	99
10) Methyl Iodide	3.91	142	91534	19.122	ug/l	100
11) Tert butyl alcohol	4.73	59	56277	98.496	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	67676	18.370	ug/l	96
13) Acrolein	3.57	56	19191	97.218	ug/l	95
14) Allyl chloride	4.27	41	84428	17.529	ug/l	97
15) Acrylonitrile	4.93	53	142265	89.206	ug/l	99
16) Acetone	3.77	43	115882	94.016	ug/l	97
17) Carbon Disulfide	4.01	76	152842	18.857	ug/l	97
18) Methyl Acetate	4.27	43	67226	17.288	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	234677	18.691	ug/l	96
20) Methylene Chloride	4.50	84	76991	18.628	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	76585	18.433	ug/l	87
22) Diisopropyl ether	5.91	45	196229	18.485	ug/l	98
23) Vinyl Acetate	5.84	43	729049	86.168	ug/l	98
24) 1,1-Dichloroethane	5.80	63	124026	18.425	ug/l	99
25) 2-Butanone	6.79	43	179408	88.126	ug/l	99
26) 2,2-Dichloropropane	6.78	77	118543	19.241	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	90405	19.216	ug/l	99
28) Bromochloromethane	7.15	49	48539	18.324	ug/l	95
29) Tetrahydrofuran	7.17	42	117421	87.468	ug/l	99
30) Chloroform	7.33	83	139480	18.729	ug/l	99
31) Cyclohexane	7.62	56	110789	18.300	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	129033	19.015	ug/l	99
36) 1,1-Dichloropropene	7.75	75	100783	18.306	ug/l	99
37) Ethyl Acetate	6.88	43	74684	16.842	ug/l	95
38) Carbon Tetrachloride	7.73	117	96279	18.130	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	116453	17.161	ug/l	97
40) Benzene	8.00	78	312750	18.411	ug/l	98
41) Methacrylonitrile	7.12	41	33253	16.367	ug/l	96
42) 1,2-Dichloroethane	8.09	62	101886	17.915	ug/l	99
43) Isopropyl Acetate	8.13	43	136196	17.072	ug/l	93
44) Trichloroethene	8.80	130	98760	18.917	ug/l	96
45) 1,2-Dichloropropane	9.09	63	73523	18.227	ug/l	99
46) Dibromomethane	9.18	93	54373	17.576	ug/l	96
47) Bromodichloromethane	9.37	83	113640	18.541	ug/l	98
48) Methyl methacrylate	9.17	41	60855	16.954	ug/l	99
49) 1,4-Dioxane	9.17	88	23375	420.370	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	391207	87.017	ug/l	100
52) Toluene	10.12	92	206841	18.656	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	119082	18.035	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	127210	17.918	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	82729	18.729	ug/l	98
56) Ethyl methacrylate	10.40	69	112659	18.258	ug/l	98
57) 1,3-Dichloropropane	10.68	76	131638	18.633	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	219929	83.404	ug/l	97
59) 2-Hexanone	10.72	43	275681	85.384	ug/l	99
60) Dibromochloromethane	10.87	129	91516	18.224	ug/l	100
61) 1,2-Dibromoethane	10.98	107	86848	18.851	ug/l	98
64) Tetrachloroethene	10.60	164	105625	19.311	ug/l	99
65) Chlorobenzene	11.41	112	231027	19.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	84907	18.879	ug/l	99
67) Ethyl Benzene	11.48	91	399768	19.150	ug/l	98
68) m/p-Xylenes	11.60	106	317052	38.303	ug/l	98
69) o-Xylene	11.92	106	151595	19.282	ug/l	99
70) Styrene	11.94	104	249077	19.131	ug/l	99
71) Bromoform	12.10	173	59443	17.153	ug/l #	100
73) Isopropylbenzene	12.22	105	399586	19.656	ug/l	100
74) N-amyl acetate	12.04	43	113850	17.783	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	105644	18.544	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	91112m	17.989	ug/l	
77) Bromobenzene	12.50	156	100143	19.298	ug/l	99
78) n-propylbenzene	12.57	91	438047	19.301	ug/l	99
79) 2-Chlorotoluene	12.65	91	259606	19.184	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	328286	19.321	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33181	16.753	ug/l	96
82) 4-Chlorotoluene	12.75	91	267995	18.824	ug/l	100
83) tert-Butylbenzene	12.97	119	280615	18.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	333107	19.734	ug/l	100
85) sec-Butylbenzene	13.15	105	356990	18.454	ug/l	100
86) p-Isopropyltoluene	13.26	119	334292	18.764	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	174249	18.963	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	175309	18.727	ug/l	97
89) n-Butylbenzene	13.59	91	265667	17.804	ug/l	99
90) Hexachloroethane	13.85	117	34815	17.671	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	175650	20.002	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	19427	16.721	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	92441	17.999	ug/l	99
94) Hexachlorobutadiene	14.99	225	34864	15.917	ug/l	99
95) Naphthalene	15.10	128	292310	18.699	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	93665	18.549	ug/l	99

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

