

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061633.D
 Acq On : 3 Jun 2020 13:06
 Operator : JC/MD
 Sample : VN0603MBSD01
 Misc : 5.00µL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:14 PM

Quant Time: Jun 04 08:07:50 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	316996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	539818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	245103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	186458	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	7.55	113	139982	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.06	98	617423	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.38	95	219295	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	71236	20.165	ug/l	98
3) Chloromethane	2.03	50	79156	20.473	ug/l	99
4) Vinyl Chloride	2.16	62	106448	20.091	ug/l	99
5) Bromomethane	2.54	94	65404	21.513	ug/l	98
6) Chloroethane	2.67	64	69446	20.363	ug/l	100
7) Trichlorofluoromethane	2.98	101	138679	20.297	ug/l	97
8) Diethyl Ether	3.37	74	40358	19.318	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	62535	20.626	ug/l	98
10) Methyl Iodide	3.91	142	85548	20.326	ug/l	99
11) Tert butyl alcohol	4.73	59	56418	112.306	ug/l	96
12) 1,1-Dichloroethene	3.70	96	64050	19.774	ug/l	94
13) Acrolein	3.57	56	15110	83.409	ug/l	98
14) Allyl chloride	4.28	41	78273	18.484	ug/l	98
15) Acrylonitrile	4.93	53	135240	96.449	ug/l	99
16) Acetone	3.78	43	111626	103.611	ug/l	99
17) Carbon Disulfide	4.01	76	140682	19.741	ug/l	99
18) Methyl Acetate	4.28	43	65608	19.189	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	213044	19.298	ug/l	97
20) Methylene Chloride	4.50	84	70600	19.505	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	70033	19.172	ug/l	96
22) Diisopropyl ether	5.90	45	179555	19.238	ug/l	95
23) Vinyl Acetate	5.84	43	673195	90.496	ug/l	99
24) 1,1-Dichloroethane	5.80	63	115690	19.547	ug/l	97
25) 2-Butanone	6.79	43	168819	94.316	ug/l	98
26) 2,2-Dichloropropane	6.78	77	110093	20.324	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	84515	20.432	ug/l	99
28) Bromochloromethane	7.15	49	46709	20.191	ug/l	96
29) Tetrahydrofuran	7.17	42	110822	93.892	ug/l	97
30) Chloroform	7.33	83	131633	20.104	ug/l	98
31) Cyclohexane	7.61	56	100548	18.890	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	118456	19.854	ug/l	100
36) 1,1-Dichloropropene	7.75	75	92082	19.269	ug/l	99
37) Ethyl Acetate	6.88	43	73812	19.177	ug/l	99
38) Carbon Tetrachloride	7.73	117	93705	20.329	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	106393	18.063	ug/l	97
40) Benzene	8.00	78	286852	19.454	ug/l	100
41) Methacrylonitrile	7.12	41	30409	17.244	ug/l	95
42) 1,2-Dichloroethane	8.09	62	96376	19.524	ug/l	99
43) Isopropyl Acetate	8.13	43	123093	17.776	ug/l	97
44) Trichloroethene	8.80	130	89054	19.653	ug/l	98
45) 1,2-Dichloropropane	9.09	63	68283	19.503	ug/l	97
46) Dibromomethane	9.18	93	52062	19.388	ug/l	97
47) Bromodichloromethane	9.37	83	101780	19.131	ug/l	100
48) Methyl methacrylate	9.17	41	53750	17.252	ug/l	97
49) 1,4-Dioxane	9.17	88	23652	490.040	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	361037	92.519	ug/l	98
52) Toluene	10.13	92	191731	19.923	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	106975	18.666	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	117863	19.127	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	75776	19.764	ug/l	95
56) Ethyl methacrylate	10.40	69	100756	18.812	ug/l	99
57) 1,3-Dichloropropane	10.68	76	120515	19.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	187612	81.968	ug/l	98
59) 2-Hexanone	10.72	43	257764	91.976	ug/l	100
60) Dibromochloromethane	10.87	129	84707	19.433	ug/l	100
61) 1,2-Dibromoethane	10.98	107	78892	19.729	ug/l	99
64) Tetrachloroethene	10.60	164	95878	20.451	ug/l	99
65) Chlorobenzene	11.41	112	210196	20.303	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	77997	20.234	ug/l	99
67) Ethyl Benzene	11.48	91	358401	20.030	ug/l	100
68) m/p-Xylenes	11.60	106	281098	39.620	ug/l	100
69) o-Xylene	11.92	106	137220	20.363	ug/l	98
70) Styrene	11.94	104	220828	19.788	ug/l	99
71) Bromoform	12.10	173	55859	18.805	ug/l #	100
73) Isopropylbenzene	12.22	105	359679	20.106	ug/l	99
74) N-amyl acetate	12.05	43	102408	18.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	93040	18.559	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	83702m	18.780	ug/l	
77) Bromobenzene	12.50	156	92102	20.170	ug/l	96
78) n-propylbenzene	12.57	91	390881	19.572	ug/l	99
79) 2-Chlorotoluene	12.65	91	230542	19.359	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	294614	19.704	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	30893	17.726	ug/l	98
82) 4-Chlorotoluene	12.75	91	238748	19.057	ug/l	98
83) tert-Butylbenzene	12.97	119	252297	19.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	297032	19.997	ug/l	100
85) sec-Butylbenzene	13.15	105	329463	19.354	ug/l	99
86) p-Isopropyltoluene	13.26	119	302474	19.294	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	160178	19.809	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	157906	19.169	ug/l	98
89) n-Butylbenzene	13.59	91	238151	18.137	ug/l	99
90) Hexachloroethane	13.85	117	37364	21.551	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	157447	20.375	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	17752	17.363	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	84427	18.681	ug/l	99
94) Hexachlorobutadiene	14.99	225	35056	18.188	ug/l	100
95) Naphthalene	15.10	128	255975	18.608	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	85117	19.155	ug/l	99

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

