

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061621.D
 Acq On : 2 Jun 2020 16:02
 Operator : JC/MD
 Sample : VN0602MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0602MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:32:28 AM

Quant Time: Jun 03 03:27:32 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	7.62	168	351340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	576616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	532677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	255797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	136577	32.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.26%	
35) Dibromofluoromethane	7.54	113	106811	36.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.04%	
50) Toluene-d8	10.06	98	453642	33.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.94%	
62) 4-Bromofluorobenzene	12.37	95	166380	33.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.28%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	77626	19.845	ug/l 99
3) Chloromethane	2.03	50	84787	19.786	ug/l 100
4) Vinyl Chloride	2.16	62	113460	19.321	ug/l 97
5) Bromomethane	2.54	94	71280	21.154	ug/l 98
6) Chloroethane	2.67	64	72347	19.140	ug/l 99
7) Trichlorofluoromethane	2.98	101	156104	20.614	ug/l 100
8) Diethyl Ether	3.37	74	42723	18.451	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	64939	19.325	ug/l 100
10) Methyl Iodide	3.91	142	92385	19.805	ug/l 99
11) Tert butyl alcohol	4.73	59	59257	106.427	ug/l 99
12) 1,1-Dichloroethene	3.69	96	66570	18.543	ug/l 96
13) Acrolein	3.56	56	12529	53.604	ug/l 100
14) Allyl chloride	4.27	41	84683	18.043	ug/l 97
15) Acrylonitrile	4.92	53	141525	91.065	ug/l 99
16) Acetone	3.77	43	130118	109.298	ug/l 98
17) Carbon Disulfide	4.00	76	153002	19.371	ug/l 100
18) Methyl Acetate	4.27	43	70373	18.571	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	233100	19.051	ug/l 98
20) Methylene Chloride	4.50	84	76156	18.935	ug/l 93
21) trans-1,2-Dichloroethene	4.98	96	74834	18.484	ug/l 95
22) Diisopropyl ether	5.90	45	192838	18.641	ug/l 98
23) Vinyl Acetate	5.84	43	741692	89.958	ug/l 99
24) 1,1-Dichloroethane	5.79	63	124748	19.017	ug/l 99
25) 2-Butanone	6.78	43	186148	93.831	ug/l 100
26) 2,2-Dichloropropane	6.77	77	119456	19.896	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	90901	19.828	ug/l 98
28) Bromochloromethane	7.14	49	39776	15.180	ug/l 95
29) Tetrahydrofuran	7.16	42	117365	89.715	ug/l 98
30) Chloroform	7.32	83	139255	19.189	ug/l 99
31) Cyclohexane	7.61	56	108162	18.334	ug/l 96
32) 1,1,1-Trichloroethane	7.52	97	128761	19.472	ug/l 100
36) 1,1-Dichloropropene	7.75	75	99725	19.536	ug/l 99
37) Ethyl Acetate	6.88	43	77361	18.816	ug/l 95
38) Carbon Tetrachloride	7.73	117	98680	20.042	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	116316	18.487	ug/l	97
40) Benzene	8.00	78	303588	19.276	ug/l	99
41) Methacrylonitrile	7.12	41	28157m	14.948	ug/l	
42) 1,2-Dichloroethane	8.08	62	104608	19.839	ug/l	99
43) Isopropyl Acetate	8.12	43	136725	18.484	ug/l	93
44) Trichloroethene	8.80	130	97015	20.043	ug/l	94
45) 1,2-Dichloropropane	9.08	63	71761	19.188	ug/l	97
46) Dibromomethane	9.17	93	55307	19.282	ug/l	99
47) Bromodichloromethane	9.37	83	111760	19.667	ug/l	98
48) Methyl methacrylate	9.17	41	58979	17.722	ug/l	98
49) 1,4-Dioxane	9.16	88	26438	512.806	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	392913	94.262	ug/l	100
52) Toluene	10.12	92	207569	20.192	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	119319	19.491	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	128553	19.530	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	80275	19.601	ug/l	99
56) Ethyl methacrylate	10.40	69	111839	19.549	ug/l	97
57) 1,3-Dichloropropane	10.68	76	128265	19.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	195098	79.799	ug/l	98
59) 2-Hexanone	10.72	43	287919	96.179	ug/l	100
60) Dibromochloromethane	10.87	129	91259	19.600	ug/l	99
61) 1,2-Dibromoethane	10.98	107	86643	20.284	ug/l	97
64) Tetrachloroethene	10.60	164	102466	20.435	ug/l	99
65) Chlorobenzene	11.40	112	225002	20.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	82344	19.973	ug/l	99
67) Ethyl Benzene	11.48	91	387515	20.249	ug/l	98
68) m/p-Xylenes	11.59	106	302605	39.879	ug/l	100
69) o-Xylene	11.92	106	148477	20.601	ug/l	97
70) Styrene	11.94	104	239174	20.039	ug/l	99
71) Bromoform	12.10	173	59299	18.666	ug/l #	100
73) Isopropylbenzene	12.22	105	383583	20.546	ug/l	100
74) N-amyl acetate	12.04	43	110536	18.800	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	102094	19.514	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	93267m	20.051	ug/l	
77) Bromobenzene	12.50	156	95246	19.986	ug/l	98
78) n-propylbenzene	12.56	91	414295	19.877	ug/l	100
79) 2-Chlorotoluene	12.65	91	250431	20.150	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	310415	19.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	34103	18.749	ug/l	97
82) 4-Chlorotoluene	12.75	91	262151	20.051	ug/l	100
83) tert-Butylbenzene	12.97	119	271515	19.693	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	318028	20.515	ug/l	99
85) sec-Butylbenzene	13.15	105	344634	19.398	ug/l	98
86) p-Isopropyltoluene	13.26	119	321011	19.620	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	169654	20.104	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	168041	19.546	ug/l	98
89) n-Butylbenzene	13.59	91	256533	18.720	ug/l	99
90) Hexachloroethane	13.85	117	35242	19.477	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	162828	20.190	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19940	18.688	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	88438	18.750	ug/l	99
94) Hexachlorobutadiene	14.98	225	37703	18.743	ug/l	99
95) Naphthalene	15.10	128	282096	19.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	88489	19.082	ug/l	99

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

