

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060420\
 Data File : VN061648.D
 Acq On : 4 Jun 2020 13:07
 Operator : JC/MD
 Sample : VN0604MBS01
 Misc : 5.00µL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Quant Time: Jun 05 07:45:25 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	298109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	492539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	463045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	224033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	173044	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.54	113	136022	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
50) Toluene-d8	10.06	98	572409	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.38	95	200378	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	62042	18.760	ug/l 100
3) Chloromethane	2.03	50	66383	18.257	ug/l 99
4) Vinyl Chloride	2.16	62	89827	18.028	ug/l 100
5) Bromomethane	2.54	94	55745	19.497	ug/l 98
6) Chloroethane	2.67	64	58196	18.146	ug/l 99
7) Trichlorofluoromethane	2.98	101	110192	17.150	ug/l 97
8) Diethyl Ether	3.37	74	36030	18.339	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53952	18.922	ug/l 98
10) Methyl Iodide	3.91	142	72074	18.210	ug/l 98
11) Tert butyl alcohol	4.72	59	47089	99.674	ug/l 99
12) 1,1-Dichloroethene	3.69	96	53596	17.595	ug/l 93
13) Acrolein	3.56	56	14831	88.583	ug/l 96
14) Allyl chloride	4.27	41	67060	16.839	ug/l 97
15) Acrylonitrile	4.92	53	120940	91.716	ug/l 98
16) Acetone	3.77	43	93160	91.233	ug/l 98
17) Carbon Disulfide	4.00	76	124864	18.631	ug/l 99
18) Methyl Acetate	4.27	43	57097	17.758	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	185205	17.840	ug/l 99
20) Methylene Chloride	4.50	84	63908	18.708	ug/l 96
21) trans-1,2-Dichloroethene	4.98	96	60092	17.493	ug/l 92
22) Diisopropyl ether	5.90	45	157081	17.896	ug/l 95
23) Vinyl Acetate	5.84	43	586928	83.898	ug/l 99
24) 1,1-Dichloroethane	5.80	63	99872	17.944	ug/l 99
25) 2-Butanone	6.78	43	142397	84.594	ug/l 98
26) 2,2-Dichloropropane	6.77	77	89459	17.561	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	71557	18.395	ug/l 100
28) Bromochloromethane	7.15	49	41160	18.829	ug/l 97
29) Tetrahydrofuran	7.17	42	93898	84.593	ug/l 96
30) Chloroform	7.33	83	115134	18.698	ug/l 99
31) Cyclohexane	7.61	56	87185	17.417	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	100302	17.877	ug/l 99
36) 1,1-Dichloropropene	7.75	75	78677	18.044	ug/l 99
37) Ethyl Acetate	6.88	43	62962	17.928	ug/l 96
38) Carbon Tetrachloride	7.73	117	78939	18.769	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	92792	17.266	ug/l	96
40) Benzene	8.00	78	249116	18.517	ug/l	99
41) Methacrylonitrile	7.14	41	30474m	18.939	ug/l	
42) 1,2-Dichloroethane	8.08	62	82808	18.385	ug/l	99
43) Isopropyl Acetate	8.12	43	107465	17.009	ug/l #	92
44) Trichloroethene	8.80	130	74809	18.094	ug/l	99
45) 1,2-Dichloropropane	9.08	63	59519	18.631	ug/l	98
46) Dibromomethane	9.17	93	45312	18.494	ug/l	99
47) Bromodichloromethane	9.37	83	88527	18.237	ug/l	96
48) Methyl methacrylate	9.17	41	46229	16.262	ug/l	98
49) 1,4-Dioxane	9.17	88	21773	494.412	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	308231	86.569	ug/l	98
52) Toluene	10.12	92	164222	18.702	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	92355	17.662	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	102471	18.225	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	66644	19.050	ug/l	96
56) Ethyl methacrylate	10.40	69	84713	17.335	ug/l	100
57) 1,3-Dichloropropane	10.68	76	104175	18.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	176644	84.585	ug/l	99
59) 2-Hexanone	10.72	43	216020	84.480	ug/l	100
60) Dibromochloromethane	10.87	129	72870	18.322	ug/l	99
61) 1,2-Dibromoethane	10.98	107	68742	18.841	ug/l	99
64) Tetrachloroethene	10.60	164	80735	18.523	ug/l	99
65) Chlorobenzene	11.41	112	180215	18.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	67507	18.836	ug/l	99
67) Ethyl Benzene	11.48	91	306305	18.412	ug/l	99
68) m/p-Xylenes	11.59	106	239072	36.244	ug/l	100
69) o-Xylene	11.92	106	116397	18.579	ug/l	98
70) Styrene	11.94	104	188326	18.152	ug/l	99
71) Bromoform	12.10	173	48545	17.579	ug/l #	98
73) Isopropylbenzene	12.22	105	304393	18.616	ug/l	100
74) N-amyl acetate	12.05	43	85159	16.537	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	83056	18.126	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	71327m	17.509	ug/l	
77) Bromobenzene	12.50	156	77190	18.494	ug/l	100
78) n-propylbenzene	12.56	91	337123	18.468	ug/l	99
79) 2-Chlorotoluene	12.65	91	198296	18.218	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	250478	18.327	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25567	16.049	ug/l	97
82) 4-Chlorotoluene	12.75	91	204676	17.874	ug/l	99
83) tert-Butylbenzene	12.97	119	216976	17.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	251513	18.525	ug/l	99
85) sec-Butylbenzene	13.15	105	275050	17.677	ug/l	99
86) p-Isopropyltoluene	13.26	119	256532	17.902	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	136654	18.489	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	138559	18.402	ug/l	99
89) n-Butylbenzene	13.59	91	205807	17.147	ug/l	99
90) Hexachloroethane	13.85	117	33566	21.181	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	135617	19.200	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15317	16.390	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	72236	17.487	ug/l	99
94) Hexachlorobutadiene	14.98	225	30681	17.415	ug/l	99
95) Naphthalene	15.10	128	213076	16.947	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	72375	17.820	ug/l	98

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

