

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055984.D
 Acq On : 4 Jun 2019 12:19
 Operator : JC/SP
 Sample : VN0604MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 4:03:58 PM

Quant Time: Jun 04 13:36:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	324401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	474930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	420651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	163044	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.59	113	145705	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.09	98	556357	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	183238	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	74255	21.042	ug/l	99
3) Chloromethane	2.06	50	77629	22.075	ug/l	100
4) Vinyl Chloride	2.18	62	77217	21.891	ug/l	100
5) Bromomethane	2.54	94	54639	24.521	ug/l	99
6) Chloroethane	2.69	64	44684	21.848	ug/l	97
7) Trichlorofluoromethane	3.01	101	95075	21.113	ug/l	97
8) Diethyl Ether	3.40	74	39082	21.104	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	58112	21.244	ug/l	99
10) Methyl Iodide	3.94	142	80372	18.489	ug/l	99
11) Tert butyl alcohol	4.81	59	57393	102.391	ug/l	100
12) 1,1-Dichloroethene	3.72	96	57212	21.008	ug/l	96
13) Acrolein	3.60	56	16626	102.845	ug/l	99
14) Allyl chloride	4.31	41	88699	20.627	ug/l	99
15) Acrylonitrile	4.99	53	151860	111.295	ug/l	100
16) Acetone	3.82	43	154691	100.415	ug/l	99
17) Carbon Disulfide	4.04	76	133841	20.526	ug/l	97
18) Methyl Acetate	4.33	43	66812	21.753	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	181781	20.941	ug/l	98
20) Methylene Chloride	4.54	84	66821	21.054	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	61805	21.181	ug/l	98
22) Diisopropyl ether	5.95	45	181676	20.438	ug/l	99
23) Vinyl Acetate	5.90	43	751757	107.390	ug/l	100
24) 1,1-Dichloroethane	5.84	63	107775	21.018	ug/l	100
25) 2-Butanone	6.84	43	210541	108.170	ug/l	99
26) 2,2-Dichloropropane	6.82	77	79775	19.938	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	70199	20.467	ug/l	98
28) Bromochloromethane	7.19	49	47723	19.681	ug/l	97
29) Tetrahydrofuran	7.22	42	132556	110.175	ug/l	99
30) Chloroform	7.37	83	107438	20.828	ug/l	99
31) Cyclohexane	7.65	56	105087	20.561	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	89505	20.779	ug/l	100
36) 1,1-Dichloropropene	7.79	75	79785	19.537	ug/l	99
37) Ethyl Acetate	6.93	43	82800	22.788	ug/l	98
38) Carbon Tetrachloride	7.77	117	75963	20.176	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	103283	20.303	ug/l	97
40) Benzene	8.04	78	257681	20.775	ug/l	99
41) Methacrylonitrile	7.17	41	30250	18.095	ug/l #	78
42) 1,2-Dichloroethane	8.12	62	80011	20.054	ug/l	99
43) Isopropyl Acetate	8.17	43	122632	20.827	ug/l #	93
44) Trichloroethene	8.83	130	71177	19.971	ug/l	97
45) 1,2-Dichloropropane	9.12	63	65030	20.469	ug/l	98
46) Dibromomethane	9.21	93	42997	20.696	ug/l	98
47) Bromodichloromethane	9.40	83	76161	20.227	ug/l	97
48) Methyl methacrylate	9.20	41	60997	21.175	ug/l	97
49) 1,4-Dioxane	9.20	88	25637	412.246	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	387741	105.305	ug/l	100
52) Toluene	10.15	92	161542	20.930	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	77165	19.039	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	93958	20.760	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	62945	20.589	ug/l	97
56) Ethyl methacrylate	10.43	69	92676	20.779	ug/l	99
57) 1,3-Dichloropropane	10.71	76	101482	20.419	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	160565	100.269	ug/l	99
59) 2-Hexanone	10.75	43	278265	104.270	ug/l	100
60) Dibromochloromethane	10.90	129	58581	18.973	ug/l	97
61) 1,2-Dibromoethane	11.00	107	64712	20.705	ug/l	97
64) Tetrachloroethene	10.63	164	72736	19.976	ug/l	99
65) Chlorobenzene	11.43	112	171147	20.443	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	59261	20.501	ug/l	100
67) Ethyl Benzene	11.51	91	297869	20.462	ug/l	99
68) m/p-Xylenes	11.62	106	228339	41.061	ug/l	99
69) o-Xylene	11.95	106	111969	20.469	ug/l	100
70) Styrene	11.96	104	176607	20.320	ug/l	98
71) Bromoform	12.13	173	40854	18.653	ug/l #	100
73) Isopropylbenzene	12.25	105	297196	22.601	ug/l	100
74) N-amyl acetate	12.07	43	99900	21.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	87443	21.616	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	70541m	22.000	ug/l	
77) Bromobenzene	12.53	156	76244	20.436	ug/l	98
78) n-propylbenzene	12.59	91	307042	20.828	ug/l	100
79) 2-Chlorotoluene	12.67	91	192483	22.251	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	243158	20.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18956	19.688	ug/l #	85
82) 4-Chlorotoluene	12.77	91	177799	20.615	ug/l	99
83) tert-Butylbenzene	12.99	119	212422	21.830	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	237101	21.340	ug/l	100
85) sec-Butylbenzene	13.17	105	270127	20.691	ug/l	100
86) p-Isopropyltoluene	13.29	119	243437	20.835	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	119521	20.699	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	112221	20.204	ug/l	99
89) n-Butylbenzene	13.61	91	173823	20.083	ug/l	99
90) Hexachloroethane	13.87	117	35630	20.221	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	119464	20.492	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12278	21.220	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48785	18.159	ug/l	100
94) Hexachlorobutadiene	15.01	225	45337	21.485	ug/l	100
95) Naphthalene	15.13	128	132823	18.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	56001	19.099	ug/l	99

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

