

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053590.D
 Acq On : 4 Feb 2019 12:23
 Operator : JC/SP
 Sample : VN0204MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 9:53:51 AM

Quant Time: Feb 05 02:27:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	697239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1045956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	921320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	436769	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	347468	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.59	113	333576	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.09	98	1218383	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	397685	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	144775	18.631	ug/l	99
3) Chloromethane	2.06	50	155316	18.763	ug/l	98
4) Vinyl Chloride	2.19	62	151795	18.891	ug/l	99
5) Bromomethane	2.57	94	103318	19.665	ug/l	96
6) Chloroethane	2.71	64	87274	19.006	ug/l	98
7) Trichlorofluoromethane	3.02	101	205731	18.880	ug/l	99
8) Diethyl Ether	3.41	74	75806	19.049	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	126724	18.804	ug/l	98
10) Methyl Iodide	3.95	142	192038	18.155	ug/l	100
11) Tert butyl alcohol	4.78	59	40536	97.922	ug/l	100
12) 1,1-Dichloroethene	3.74	96	123243	19.088	ug/l	96
13) Acrolein	3.61	56	22078	97.957	ug/l	99
14) Allyl chloride	4.33	41	192760	18.750	ug/l	98
15) Acrylonitrile	4.99	53	227294	101.708	ug/l	99
16) Acetone	3.82	43	169156	94.282	ug/l	100
17) Carbon Disulfide	4.06	76	359107	17.862	ug/l	100
18) Methyl Acetate	4.33	43	106127	19.973	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	318991	19.489	ug/l	100
20) Methylene Chloride	4.55	84	137860	18.315	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	128249	18.411	ug/l	96
22) Diisopropyl ether	5.95	45	364965	19.160	ug/l	97
23) Vinyl Acetate	5.90	43	1278149	96.995	ug/l	98
24) 1,1-Dichloroethane	5.85	63	242184	19.062	ug/l	98
25) 2-Butanone	6.84	43	244651	95.610	ug/l	98
26) 2,2-Dichloropropane	6.83	77	176169	18.164	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	148497	19.172	ug/l	99
28) Bromochloromethane	7.20	49	110622	20.064	ug/l	97
29) Tetrahydrofuran	7.21	42	166221	101.162	ug/l	97
30) Chloroform	7.37	83	235298	18.682	ug/l	99
31) Cyclohexane	7.65	56	213643	17.952	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	199159	19.001	ug/l	99
36) 1,1-Dichloropropene	7.79	75	174195	18.475	ug/l	98
37) Ethyl Acetate	6.93	43	113127	21.483	ug/l	100
38) Carbon Tetrachloride	7.77	117	177353	18.672	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	197160	17.625	ug/l	100
40) Benzene	8.04	78	557774	19.184	ug/l	99
41) Methacrylonitrile	7.18	41	63171	21.464	ug/l	93
42) 1,2-Dichloroethane	8.13	62	165792	19.204	ug/l	100
43) Isopropyl Acetate	8.16	43	183328	18.027	ug/l #	89
44) Trichloroethene	8.83	130	155744	18.815	ug/l	98
45) 1,2-Dichloropropane	9.12	63	144160	19.385	ug/l	97
46) Dibromomethane	9.21	93	87246	19.462	ug/l	98
47) Bromodichloromethane	9.40	83	179522	19.260	ug/l	100
48) Methyl methacrylate	9.20	41	98171	20.223	ug/l	97
49) 1,4-Dioxane	9.20	88	27014	408.130	ug/l #	95
51) 4-Methyl-2-Pentanone	9.99	43	507235	101.500	ug/l	100
52) Toluene	10.16	92	334167	19.365	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	171797	18.406	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	207615	18.771	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	123710	19.895	ug/l	98
56) Ethyl methacrylate	10.43	69	142630	19.390	ug/l	97
57) 1,3-Dichloropropane	10.71	76	206930	19.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	410833	95.179	ug/l	99
59) 2-Hexanone	10.75	43	327477	96.527	ug/l	100
60) Dibromochloromethane	10.90	129	136110	19.411	ug/l	100
61) 1,2-Dibromoethane	11.00	107	118376	19.234	ug/l	98
64) Tetrachloroethene	10.63	164	145543	18.428	ug/l	99
65) Chlorobenzene	11.43	112	362939	18.546	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	130993	19.166	ug/l	99
67) Ethyl Benzene	11.51	91	603963	18.787	ug/l	100
68) m/p-Xylenes	11.62	106	467514	38.104	ug/l	100
69) o-Xylene	11.95	106	227534	19.196	ug/l	99
70) Styrene	11.96	104	370035	19.260	ug/l	100
71) Bromoform	12.13	173	93427	19.939	ug/l #	100
73) Isopropylbenzene	12.25	105	592715	19.304	ug/l	99
74) N-amyl acetate	12.07	43	142020	19.235	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	143903	19.583	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	118955m	21.204	ug/l	
77) Bromobenzene	12.53	156	157148	18.991	ug/l	99
78) n-propylbenzene	12.59	91	683567	19.258	ug/l	99
79) 2-Chlorotoluene	12.68	91	409381	19.440	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	508052	19.954	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	36891	18.491	ug/l	98
82) 4-Chlorotoluene	12.77	91	413593	19.140	ug/l	99
83) tert-Butylbenzene	12.99	119	450584	20.023	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	518232	19.978	ug/l	99
85) sec-Butylbenzene	13.17	105	606672	19.811	ug/l	100
86) p-Isopropyltoluene	13.29	119	529399	19.767	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	279706	18.803	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	279368	18.986	ug/l	99
89) n-Butylbenzene	13.62	91	435993	18.808	ug/l	100
90) Hexachloroethane	13.87	117	86042	19.477	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	274732	19.291	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20715	19.780	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	153972	18.851	ug/l	100
94) Hexachlorobutadiene	15.01	225	100316	19.722	ug/l	99
95) Naphthalene	15.13	128	327296	18.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	147000	19.397	ug/l	100

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

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