

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121819\
 Data File : VN059648.D
 Acq On : 18 Dec 2019 14:16
 Operator : JC/SP
 Sample : VN1218MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2019 11:11:35 AM

Quant Time: Dec 19 04:57:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	306445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141717	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	171674	57.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.88%	
35) Dibromofluoromethane	7.57	113	120326	58.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.26%	
50) Toluene-d8	10.08	98	470064	57.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.72%	
62) 4-Bromofluorobenzene	12.40	95	164790	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38362	14.580	ug/l	98
3) Chloromethane	2.04	50	63040	15.098	ug/l	98
4) Vinyl Chloride	2.17	62	69991	17.677	ug/l	98
5) Bromomethane	2.54	94	39309	17.077	ug/l	100
6) Chloroethane	2.68	64	41887	18.823	ug/l	99
7) Trichlorofluoromethane	2.99	101	78161	17.992	ug/l	100
8) Diethyl Ether	3.39	74	24302	17.904	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	37930	17.325	ug/l	99
10) Methyl Iodide	3.92	142	48015	16.566	ug/l	100
11) Tert butyl alcohol	4.75	59	46667	85.911	ug/l	98
12) 1,1-Dichloroethene	3.71	96	36955	17.304	ug/l	98
13) Acrolein	3.58	56	17423	45.028	ug/l	98
14) Allyl chloride	4.29	41	74218	16.928	ug/l	99
15) Acrylonitrile	4.95	53	121553	92.511	ug/l	100
16) Acetone	3.79	43	124817	70.954	ug/l	99
17) Carbon Disulfide	4.02	76	115159	16.316	ug/l	99
18) Methyl Acetate	4.29	43	64788	17.576	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	130977	17.369	ug/l	100
20) Methylene Chloride	4.52	84	45196	17.790	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	41372	17.377	ug/l	99
22) Diisopropyl ether	5.92	45	147486	18.247	ug/l	93
23) Vinyl Acetate	5.86	43	609699	96.121	ug/l	99
24) 1,1-Dichloroethane	5.82	63	82877	18.101	ug/l	100
25) 2-Butanone	6.81	43	171967	81.750	ug/l	100
26) 2,2-Dichloropropane	6.80	77	73144	17.577	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	47219	17.898	ug/l	98
28) Bromochloromethane	7.17	49	37581	19.819	ug/l	96
29) Tetrahydrofuran	7.19	42	115158	89.850	ug/l	99
30) Chloroform	7.35	83	80648	17.895	ug/l	98
31) Cyclohexane	7.63	56	75144	17.370	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	71082	17.495	ug/l	99
36) 1,1-Dichloropropene	7.77	75	60410	17.509	ug/l	99
37) Ethyl Acetate	6.90	43	71600	17.855	ug/l	99
38) Carbon Tetrachloride	7.75	117	62570	17.477	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	65523	16.743	ug/l	99
40) Benzene	8.02	78	181470	17.998	ug/l	99
41) Methacrylonitrile	7.15	41	23330m	14.097	ug/l	
42) 1,2-Dichloroethane	8.10	62	71528	18.524	ug/l	100
43) Isopropyl Acetate	8.14	43	107044	17.170	ug/l	99
44) Trichloroethene	8.82	130	46236	17.507	ug/l	99
45) 1,2-Dichloropropane	9.10	63	49404	18.145	ug/l	98
46) Dibromomethane	9.19	93	31533	17.677	ug/l	99
47) Bromodichloromethane	9.39	83	63905	17.969	ug/l	98
48) Methyl methacrylate	9.18	41	46390	16.400	ug/l	97
49) 1,4-Dioxane	9.18	88	14910	367.825	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	338678	91.111	ug/l	99
52) Toluene	10.14	92	107755	17.393	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	71221	17.316	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	75618	17.490	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	43863	18.043	ug/l	98
56) Ethyl methacrylate	10.42	69	60813	16.851	ug/l	99
57) 1,3-Dichloropropane	10.70	76	76746	18.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	104271	90.845	ug/l	100
59) 2-Hexanone	10.74	43	249940	85.314	ug/l	100
60) Dibromochloromethane	10.90	129	46171	17.402	ug/l	99
61) 1,2-Dibromoethane	11.00	107	44472	17.249	ug/l	100
64) Tetrachloroethene	10.62	164	44267	15.496	ug/l	98
65) Chlorobenzene	11.43	112	113839	17.168	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	42443	16.852	ug/l	98
67) Ethyl Benzene	11.51	91	201427	16.829	ug/l	100
68) m/p-Xylenes	11.62	106	149603	33.849	ug/l	99
69) o-Xylene	11.94	106	70734	16.820	ug/l	99
70) Styrene	11.96	104	110174	16.306	ug/l	98
71) Bromoform	12.12	173	32030	16.918	ug/l #	99
73) Isopropylbenzene	12.24	105	190584	17.131	ug/l	99
74) N-amyl acetate	12.07	43	83597	16.382	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	63057	17.869	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	63698m	18.156	ug/l	
77) Bromobenzene	12.52	156	46447	16.977	ug/l	99
78) n-propylbenzene	12.59	91	226674	17.237	ug/l	98
79) 2-Chlorotoluene	12.67	91	135803	17.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	161116	17.114	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	23116	16.274	ug/l	99
82) 4-Chlorotoluene	12.77	91	137611	16.902	ug/l	99
83) tert-Butylbenzene	12.99	119	130355	16.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	158728	16.956	ug/l	98
85) sec-Butylbenzene	13.17	105	180094	16.981	ug/l	99
86) p-Isopropyltoluene	13.29	119	157993	16.449	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	82993	16.497	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	80421	15.855	ug/l	98
89) n-Butylbenzene	13.61	91	151608	16.835	ug/l	99
90) Hexachloroethane	13.87	117	30033	16.542	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	81680	16.463	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	15106	16.420	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55338	17.273	ug/l	98
94) Hexachlorobutadiene	15.00	225	32050	19.474	ug/l	99
95) Naphthalene	15.12	128	157941	16.514	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	56976	17.584	ug/l	100

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

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