

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042319\
 Data File : VN055204.D
 Acq On : 23 Apr 2019 14:21
 Operator : JC/SP
 Sample : VN0423MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0423MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:44:38 PM

Quant Time: Apr 23 15:40:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	444773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	745920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	634249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	243737	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	323813	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
35) Dibromofluoromethane	7.59	113	255992	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	10.09	98	947145	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	302463	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	132318	23.106	ug/l	99
3) Chloromethane	2.06	50	153908	21.933	ug/l	98
4) Vinyl Chloride	2.19	62	121777	21.658	ug/l	97
5) Bromomethane	2.56	94	64721	19.848	ug/l	96
6) Chloroethane	2.70	64	60606	20.450	ug/l	99
7) Trichlorofluoromethane	3.02	101	166948	21.818	ug/l	97
8) Diethyl Ether	3.41	74	61686	22.586	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	100277	21.001	ug/l	99
10) Methyl Iodide	3.95	142	148677	22.204	ug/l	100
11) Tert butyl alcohol	4.79	59	44271	125.962	ug/l	99
12) 1,1-Dichloroethene	3.74	96	97468	21.300	ug/l	99
13) Acrolein	3.61	56	58537	116.389	ug/l	98
14) Allyl chloride	4.32	41	197408	21.822	ug/l	99
15) Acrylonitrile	4.99	53	230549	119.609	ug/l	100
16) Acetone	3.82	43	180251	90.572	ug/l	97
17) Carbon Disulfide	4.05	76	271395	21.215	ug/l	100
18) Methyl Acetate	4.33	43	108344	24.766	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	295949	23.392	ug/l	99
20) Methylene Chloride	4.55	84	119689	20.920	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	105240	21.932	ug/l	96
22) Diisopropyl ether	5.95	45	396188	21.972	ug/l	96
23) Vinyl Acetate	5.90	43	1443297	119.111	ug/l	99
24) 1,1-Dichloroethane	5.85	63	206976	21.340	ug/l	98
25) 2-Butanone	6.84	43	281485	109.556	ug/l	96
26) 2,2-Dichloropropane	6.83	77	135967	20.716	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	119319	21.571	ug/l	100
28) Bromochloromethane	7.19	49	111327	22.517	ug/l	98
29) Tetrahydrofuran	7.21	42	194952	123.408	ug/l	98
30) Chloroform	7.37	83	196368	21.284	ug/l	97
31) Cyclohexane	7.65	56	201606	21.460	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	162990	21.990	ug/l	100
36) 1,1-Dichloropropene	7.79	75	147545	21.311	ug/l	99
37) Ethyl Acetate	6.93	43	121172	21.687	ug/l	99
38) Carbon Tetrachloride	7.77	117	138464	21.357	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042319\
 Data File : VN055204.D
 Acq On : 23 Apr 2019 14:21
 Operator : JC/SP
 Sample : VN0423MBS01
 Misc : 5.00µl/100µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0423MBS01

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:44:38 PM

Quant Time: Apr 23 15:40:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	162007	19.615	ug/l	98
40) Benzene	8.04	78	454490	21.266	ug/l	98
41) Methacrylonitrile	7.17	41	72537	24.763	ug/l #	92
42) 1,2-Dichloroethane	8.13	62	156136	20.941	ug/l	99
43) Isopropyl Acetate	8.17	43	225539	24.928	ug/l #	86
44) Trichloroethene	8.83	130	111681	20.675	ug/l	99
45) 1,2-Dichloropropane	9.12	63	124926	20.708	ug/l	97
46) Dibromomethane	9.21	93	71862	20.809	ug/l	98
47) Bromodichloromethane	9.40	83	147810	21.380	ug/l	99
48) Methyl methacrylate	9.20	41	97003	22.102	ug/l	99
49) 1,4-Dioxane	9.20	88	23539	464.431	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	589537	113.234	ug/l	100
52) Toluene	10.16	92	263327	21.018	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	137808	21.721	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	167881	21.323	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	98915	21.415	ug/l	98
56) Ethyl methacrylate	10.43	69	131597	22.870	ug/l	99
57) 1,3-Dichloropropane	10.71	76	169547	21.097	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	205803	99.914	ug/l	99
59) 2-Hexanone	10.75	43	371469	112.958	ug/l	99
60) Dibromochloromethane	10.90	129	100690	21.164	ug/l	99
61) 1,2-Dibromoethane	11.01	107	96640	22.253	ug/l	98
64) Tetrachloroethene	10.63	164	106200	20.525	ug/l	97
65) Chlorobenzene	11.43	112	260606	20.131	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	99407	20.718	ug/l	99
67) Ethyl Benzene	11.51	91	482715	20.933	ug/l	99
68) m/p-Xylenes	11.62	106	347480	42.013	ug/l	99
69) o-Xylene	11.95	106	171167	20.854	ug/l	99
70) Styrene	11.96	104	273140	21.468	ug/l	99
71) Bromoform	12.13	173	61984	21.648	ug/l #	98
73) Isopropylbenzene	12.25	105	455700	22.006	ug/l	100
74) N-amyl acetate	12.07	43	147053	23.401	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	124129	23.761	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	100513m	20.327	ug/l	
77) Bromobenzene	12.53	156	109529	20.355	ug/l	99
78) n-propylbenzene	12.59	91	497237	20.342	ug/l	99
79) 2-Chlorotoluene	12.67	91	306716	19.872	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	372166	20.397	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	27821	21.329	ug/l	99
82) 4-Chlorotoluene	12.77	91	286211	20.154	ug/l	99
83) tert-Butylbenzene	12.99	119	315362	21.760	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	349885	20.320	ug/l	99
85) sec-Butylbenzene	13.17	105	402418	19.495	ug/l	100
86) p-Isopropyltoluene	13.29	119	342933	20.165	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	171875	20.808	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	159093	19.783	ug/l	98
89) n-Butylbenzene	13.61	91	246882	19.585	ug/l	99
90) Hexachloroethane	13.87	117	57662	19.118	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	170458	20.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16479	22.265	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042319\
Data File : VN055204.D
Acq On : 23 Apr 2019 14:21
Operator : JC/SP
Sample : VN0423MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0423MBS01

Manual Integrations
APPROVED

MMDadoda
4/24/2019 12:44:38 PM

Quant Time: Apr 23 15:40:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	58163	18.076	ug/l	99
94) Hexachlorobutadiene	15.01	225	58667	22.478	ug/l	97
95) Naphthalene	15.13	128	128649	18.696	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	61536	18.676	ug/l	96

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

