

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055417.D
 Acq On : 6 May 2019 15:50
 Operator : JC/SP
 Sample : VN0506MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 1:22:42 PM

Quant Time: May 07 02:11:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	379322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	622008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	521522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	259115	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.59	113	207665	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.09	98	726384	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.40	95	232642	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	86542	18.621	ug/l	99
3) Chloromethane	2.06	50	97918	17.015	ug/l	98
4) Vinyl Chloride	2.19	62	88854	19.154	ug/l	97
5) Bromomethane	2.57	94	47639	19.388	ug/l	93
6) Chloroethane	2.71	64	48615	19.346	ug/l	99
7) Trichlorofluoromethane	3.02	101	126956	19.247	ug/l	94
8) Diethyl Ether	3.42	74	47828	20.725	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	76508	19.478	ug/l	99
10) Methyl Iodide	3.96	142	101447	18.352	ug/l	99
11) Tert butyl alcohol	4.79	59	32930	115.906	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	72542	19.360	ug/l	96
13) Acrolein	3.62	56	16413	73.972	ug/l	97
14) Allyl chloride	4.33	41	148676	19.158	ug/l	99
15) Acrylonitrile	5.00	53	170638	106.852	ug/l	99
16) Acetone	3.82	43	131097	84.786	ug/l	94
17) Carbon Disulfide	4.06	76	154261	15.775	ug/l	99
18) Methyl Acetate	4.33	43	90235	23.406	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	224667	21.328	ug/l	100
20) Methylene Chloride	4.56	84	87299	18.497	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	75682	19.071	ug/l	97
22) Diisopropyl ether	5.95	45	326696	21.187	ug/l	94
23) Vinyl Acetate	5.90	43	1069530	105.832	ug/l	99
24) 1,1-Dichloroethane	5.85	63	167658	20.407	ug/l	99
25) 2-Butanone	6.84	43	209502	105.948	ug/l	98
26) 2,2-Dichloropropane	6.83	77	98346	17.335	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	89738	19.885	ug/l	98
28) Bromochloromethane	7.20	49	88097	21.273	ug/l	97
29) Tetrahydrofuran	7.22	42	140849	111.238	ug/l	100
30) Chloroform	7.37	83	155836	20.010	ug/l	99
31) Cyclohexane	7.65	56	148788	19.062	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	124275	19.661	ug/l	99
36) 1,1-Dichloropropene	7.79	75	109627	18.400	ug/l	98
37) Ethyl Acetate	6.94	43	83701	18.331	ug/l	96
38) Carbon Tetrachloride	7.77	117	101660	17.689	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055417.D
 Acq On : 6 May 2019 15:50
 Operator : JC/SP
 Sample : VN0506MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0506MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 1:22:42 PM

Quant Time: May 07 02:11:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	121033	19.107	ug/l	99
40) Benzene	8.04	78	340703	19.398	ug/l	99
41) Methacrylonitrile	7.18	41	48373	20.024	ug/l	93
42) 1,2-Dichloroethane	8.13	62	123578	19.866	ug/l	99
43) Isopropyl Acetate	8.17	43	159941	21.796	ug/l #	88
44) Trichloroethene	8.84	130	81478	18.198	ug/l	100
45) 1,2-Dichloropropane	9.12	63	98721	19.489	ug/l	99
46) Dibromomethane	9.21	93	54176	19.566	ug/l	97
47) Bromodichloromethane	9.40	83	112737	18.979	ug/l	97
48) Methyl methacrylate	9.20	41	74139	20.552	ug/l	98
49) 1,4-Dioxane	9.20	88	16514	442.835	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	442317	107.060	ug/l	98
52) Toluene	10.16	92	193657	19.217	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	98602	19.122	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	122906	19.117	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76076	20.330	ug/l	97
56) Ethyl methacrylate	10.43	69	95352	20.702	ug/l	99
57) 1,3-Dichloropropane	10.71	76	133141	20.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	102096	80.284	ug/l	100
59) 2-Hexanone	10.75	43	267477	103.472	ug/l	98
60) Dibromochloromethane	10.90	129	74824	19.564	ug/l	99
61) 1,2-Dibromoethane	11.00	107	68989	19.946	ug/l	99
64) Tetrachloroethene	10.63	164	84758	19.873	ug/l	96
65) Chlorobenzene	11.43	112	195027	19.127	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	74197	18.584	ug/l	97
67) Ethyl Benzene	11.51	91	361358	19.625	ug/l	98
68) m/p-Xylenes	11.62	106	260216	39.593	ug/l	98
69) o-Xylene	11.95	106	129044	19.810	ug/l	99
70) Styrene	11.96	104	205354	20.531	ug/l	99
71) Bromoform	12.13	173	42786	19.313	ug/l #	98
73) Isopropylbenzene	12.25	105	357008	21.356	ug/l	100
74) N-amyl acetate	12.07	43	101051	20.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	90611	21.822	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	83761m	21.851	ug/l	
77) Bromobenzene	12.53	156	79409	20.178	ug/l	98
78) n-propylbenzene	12.59	91	373565	18.778	ug/l	99
79) 2-Chlorotoluene	12.67	91	234312	20.768	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	289164	19.045	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	18344	17.950	ug/l	87
82) 4-Chlorotoluene	12.77	91	216964	18.757	ug/l	98
83) tert-Butylbenzene	12.99	119	251907	21.799	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	267927	19.731	ug/l	100
85) sec-Butylbenzene	13.17	105	327439	19.842	ug/l	100
86) p-Isopropyltoluene	13.29	119	273431	20.159	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	124429	19.200	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	115635	18.947	ug/l	99
89) n-Butylbenzene	13.61	91	189185	19.629	ug/l	98
90) Hexachloroethane	13.87	117	45063	20.039	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	126049	19.624	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11108	21.802	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050619\
Data File : VN055417.D
Acq On : 6 May 2019 15:50
Operator : JC/SP
Sample : VN0506MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

MMDadoda
5/7/2019 1:22:42 PM

Quant Time: May 07 02:11:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	37677	17.205	ug/l	98
94) Hexachlorobutadiene	15.01	225	46795	22.682	ug/l	96
95) Naphthalene	15.13	128	79126	17.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	43769	19.247	ug/l	99

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

