

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061306.D
 Acq On : 6 May 2020 13:54
 Operator : JC/MD
 Sample : VN0506MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:36:30 AM

Quant Time: May 07 05:55:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	102459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	177132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	163920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	75408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	93395	57.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.22%	
35) Dibromofluoromethane	7.54	113	55643	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.06	98	233147	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.38	95	87044	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	21865	20.124	ug/l	100
3) Chloromethane	2.03	50	29552	22.458	ug/l	97
4) Vinyl Chloride	2.16	62	31816	21.287	ug/l	98
5) Bromomethane	2.54	94	14288	19.340	ug/l	95
6) Chloroethane	2.67	64	20276	21.404	ug/l	99
7) Trichlorofluoromethane	2.98	101	41400	24.552	ug/l	98
8) Diethyl Ether	3.37	74	17154	24.389	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	23797	21.906	ug/l	100
10) Methyl Iodide	3.91	142	26432	18.933	ug/l	99
11) Tert butyl alcohol	4.73	59	24908	114.691	ug/l	99
12) 1,1-Dichloroethene	3.69	96	21992	20.344	ug/l	99
13) Acrolein	3.56	56	14281	98.676	ug/l	96
14) Allyl chloride	4.27	41	48023	23.959	ug/l	97
15) Acrylonitrile	4.93	53	76385	114.577	ug/l	100
16) Acetone	3.77	43	68151	105.500	ug/l	98
17) Carbon Disulfide	4.01	76	56194	18.818	ug/l	100
18) Methyl Acetate	4.27	43	40805	20.347	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	93424	22.617	ug/l	99
20) Methylene Chloride	4.50	84	27285	21.583	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	24844	21.105	ug/l	94
22) Diisopropyl ether	5.90	45	107397	23.106	ug/l	99
23) Vinyl Acetate	5.84	43	423923	113.272	ug/l	99
24) 1,1-Dichloroethane	5.79	63	52828	21.753	ug/l	98
25) 2-Butanone	6.78	43	105003	109.455	ug/l	98
26) 2,2-Dichloropropane	6.77	77	46254	22.612	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	29236	21.164	ug/l	97
28) Bromochloromethane	7.15	49	29179	25.349	ug/l	98
29) Tetrahydrofuran	7.16	42	69536	107.604	ug/l	100
30) Chloroform	7.33	83	53450	21.718	ug/l	99
31) Cyclohexane	7.61	56	44544	18.887	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	44860	20.933	ug/l	99
36) 1,1-Dichloropropene	7.75	75	36902	20.811	ug/l	100
37) Ethyl Acetate	6.88	43	45316	21.800	ug/l	100
38) Carbon Tetrachloride	7.73	117	32717	21.585	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061306.D
 Acq On : 6 May 2020 13:54
 Operator : JC/MD
 Sample : VN0506MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0506MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/7/2020 10:36:30 AM

Quant Time: May 07 05:55:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	37936	19.077	ug/l	97
40) Benzene	8.00	78	111896	21.182	ug/l	100
41) Methacrylonitrile	7.13	41	21720	25.165	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	46646	23.308	ug/l	99
43) Isopropyl Acetate	8.12	43	75469	21.876	ug/l #	92
44) Trichloroethene	8.80	130	27496	19.254	ug/l	97
45) 1,2-Dichloropropane	9.08	63	31393	22.244	ug/l	99
46) Dibromomethane	9.17	93	20059	22.955	ug/l	98
47) Bromodichloromethane	9.37	83	42284	22.544	ug/l	98
48) Methyl methacrylate	9.17	41	34706	22.293	ug/l	97
49) 1,4-Dioxane	9.17	88	7579	428.885	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	224953	110.777	ug/l	100
52) Toluene	10.12	92	68104	21.403	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	47005	22.241	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	49336	22.081	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	28377	22.358	ug/l	99
56) Ethyl methacrylate	10.40	69	43147	21.172	ug/l	97
57) 1,3-Dichloropropane	10.68	76	50228	22.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	117571	114.442	ug/l	100
59) 2-Hexanone	10.72	43	160515	108.650	ug/l	98
60) Dibromochloromethane	10.87	129	29344	22.075	ug/l	100
61) 1,2-Dibromoethane	10.98	107	28234	22.195	ug/l	99
64) Tetrachloroethene	10.60	164	26960	18.990	ug/l	99
65) Chlorobenzene	11.41	112	70222	21.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	26358	22.648	ug/l	100
67) Ethyl Benzene	11.48	91	129366	21.253	ug/l	100
68) m/p-Xylenes	11.60	106	94279	42.315	ug/l	98
69) o-Xylene	11.92	106	44765	20.917	ug/l	96
70) Styrene	11.94	104	75870	21.181	ug/l	99
71) Bromoform	12.10	173	18989	22.201	ug/l #	98
73) Isopropylbenzene	12.22	105	122885	22.167	ug/l	100
74) N-amyl acetate	12.05	43	62363	22.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	40646	23.514	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	39898m	25.096	ug/l	
77) Bromobenzene	12.50	156	28739	22.458	ug/l	99
78) n-propylbenzene	12.57	91	145389	22.111	ug/l	100
79) 2-Chlorotoluene	12.65	91	85941	22.237	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	103497	22.557	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	13886	22.181	ug/l	96
82) 4-Chlorotoluene	12.75	91	90320	22.173	ug/l	98
83) tert-Butylbenzene	12.97	119	82629	21.358	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	104185	22.040	ug/l	98
85) sec-Butylbenzene	13.15	105	113967	21.607	ug/l	100
86) p-Isopropyltoluene	13.26	119	101780	21.417	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	51151	21.712	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	51456	21.377	ug/l	97
89) n-Butylbenzene	13.59	91	92333	21.193	ug/l	99
90) Hexachloroethane	13.85	117	12806	29.520	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	50751	22.467	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8112	22.220	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
Data File : VN061306.D
Acq On : 6 May 2020 13:54
Operator : JC/MD
Sample : VN0506MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

MMDadoda
5/7/2020 10:36:30 AM

Quant Time: May 07 05:55:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	28053	20.394	ug/l	98
94) Hexachlorobutadiene	14.98	225	13482	23.461	ug/l	98
95) Naphthalene	15.11	128	87238	19.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	28421	20.928	ug/l	99

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

