

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061288.D
 Acq On : 5 May 2020 13:45
 Operator : JC/MD
 Sample : VN0505MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0505MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 11:37:23 AM

Quant Time: May 06 04:38:13 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	96658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	168421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	156007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73017	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	80692	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	7.54	113	48161	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.06	98	202479	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.37	95	75142	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	18868	18.408	ug/l 100
3) Chloromethane	2.03	50	24918	20.073	ug/l 100
4) Vinyl Chloride	2.16	62	27588	19.566	ug/l 98
5) Bromomethane	2.54	94	12440	17.849	ug/l 97
6) Chloroethane	2.67	64	17210	19.257	ug/l 97
7) Trichlorofluoromethane	2.98	101	35554	22.351	ug/l 98
8) Diethyl Ether	3.37	74	14620	22.034	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	19737	19.259	ug/l 98
10) Methyl Iodide	3.90	142	21418	16.262	ug/l 98
11) Tert butyl alcohol	4.72	59	15173	74.058	ug/l 97
12) 1,1-Dichloroethene	3.69	96	18994	18.625	ug/l 99
13) Acrolein	3.56	56	12507	91.605	ug/l 99
14) Allyl chloride	4.27	41	40905	21.632	ug/l 98
15) Acrylonitrile	4.92	53	61925	98.462	ug/l 99
16) Acetone	3.77	43	54076	87.838	ug/l 100
17) Carbon Disulfide	4.01	76	47918	17.010	ug/l 99
18) Methyl Acetate	4.27	43	33508	17.799	ug/l 98
19) Methyl tert-butyl Ether	4.98	73	77959	20.006	ug/l 98
20) Methylene Chloride	4.50	84	23268	19.510	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	20933	18.850	ug/l 99
22) Diisopropyl ether	5.89	45	88733	20.236	ug/l 94
23) Vinyl Acetate	5.84	43	352748	99.910	ug/l 100
24) 1,1-Dichloroethane	5.79	63	44846	19.575	ug/l 99
25) 2-Butanone	6.78	43	82337	90.979	ug/l 99
26) 2,2-Dichloropropane	6.77	77	39317	20.375	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	25040	19.215	ug/l 99
28) Bromochloromethane	7.15	49	22043	20.299	ug/l 96
29) Tetrahydrofuran	7.16	42	55979	91.824	ug/l 99
30) Chloroform	7.33	83	45208	19.472	ug/l 100
31) Cyclohexane	7.61	56	38174	17.157	ug/l 92
32) 1,1,1-Trichloroethane	7.52	97	37711	18.653	ug/l 98
36) 1,1-Dichloropropene	7.75	75	31963	18.958	ug/l 98
37) Ethyl Acetate	6.87	43	36279	18.355	ug/l 100
38) Carbon Tetrachloride	7.73	117	27210	19.167	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
 Data File : VN061288.D
 Acq On : 5 May 2020 13:45
 Operator : JC/MD
 Sample : VN0505MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0505MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 11:37:23 AM

Quant Time: May 06 04:38:13 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	9.04	83	32324	17.096	ug/l	96
40) Benzene	8.00	78	93483	18.611	ug/l	98
41) Methacrylonitrile	7.12	41	15922	19.402	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	38965	20.477	ug/l	98
43) Isopropyl Acetate	8.12	43	62196	18.961	ug/l #	92
44) Trichloroethene	8.80	130	24129	17.770	ug/l	96
45) 1,2-Dichloropropane	9.08	63	26318	19.612	ug/l	99
46) Dibromomethane	9.17	93	16530	19.895	ug/l	99
47) Bromodichloromethane	9.37	83	35731	20.035	ug/l	96
48) Methyl methacrylate	9.16	41	27582	18.634	ug/l	97
49) 1,4-Dioxane	9.16	88	4017	239.074	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	184848	95.736	ug/l	100
52) Toluene	10.12	92	56756	18.759	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	39507	19.660	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	41517	19.543	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	23183	19.211	ug/l	98
56) Ethyl methacrylate	10.40	69	34803	18.374	ug/l	97
57) 1,3-Dichloropropane	10.68	76	41924	19.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	91976	94.159	ug/l	100
59) 2-Hexanone	10.72	43	129085	91.895	ug/l	99
60) Dibromochloromethane	10.87	129	24149	19.107	ug/l	99
61) 1,2-Dibromoethane	10.98	107	23532	19.455	ug/l	100
64) Tetrachloroethene	10.60	164	23018	17.035	ug/l	98
65) Chlorobenzene	11.40	112	59183	19.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	22272	20.108	ug/l	98
67) Ethyl Benzene	11.48	91	109519	18.905	ug/l	99
68) m/p-Xylenes	11.60	106	79643	37.559	ug/l	98
69) o-Xylene	11.92	106	37822	18.569	ug/l	98
70) Styrene	11.94	104	62932	18.460	ug/l	98
71) Bromoform	12.10	173	15856	19.478	ug/l #	99
73) Isopropylbenzene	12.22	105	102529	19.101	ug/l	100
74) N-amyl acetate	12.04	43	51449	18.928	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	33502	20.016	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	29378m	19.084	ug/l	
77) Bromobenzene	12.50	156	23986	19.357	ug/l	98
78) n-propylbenzene	12.56	91	122828	19.292	ug/l	100
79) 2-Chlorotoluene	12.65	91	72913	19.484	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	86317	19.429	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	11587	19.115	ug/l	96
82) 4-Chlorotoluene	12.75	91	76541	19.406	ug/l	99
83) tert-Butylbenzene	12.97	119	70010	18.689	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	86333	18.861	ug/l	99
85) sec-Butylbenzene	13.15	105	96229	18.841	ug/l	99
86) p-Isopropyltoluene	13.26	119	86560	18.810	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	44070	19.319	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	44053	18.901	ug/l	97
89) n-Butylbenzene	13.59	91	78758	18.669	ug/l	99
90) Hexachloroethane	13.85	117	10145	25.538	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	42432	19.400	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	6684	18.908	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050520\
Data File : VN061288.D
Acq On : 5 May 2020 13:45
Operator : JC/MD
Sample : VN0505MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
APPROVED

MMDadoda
5/6/2020 11:37:23 AM

Quant Time: May 06 04:38:13 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	14.88	180	25235	18.946	ug/l	100
94) Hexachlorobutadiene	14.98	225	11068	19.891	ug/l	97
95) Naphthalene	15.11	128	76278	17.585	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	24319	18.493	ug/l	100

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

