

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082420\
 Data File : VN063091.D
 Acq On : 24 Aug 2020 13:27
 Operator : JC/MD
 Sample : VN0824MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824MBS01

Manual Integrations
 APPROVED

MMDadoda

8/25/2020 12:14:37 PM

Quant Time: Aug 25 01:00:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	177568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	272461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	259361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111772	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
35) Dibromofluoromethane	7.55	113	90747	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	10.06	98	357084	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.38	95	122890	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	46761	20.321	ug/l	99
3) Chloromethane	2.04	50	51653	21.215	ug/l	100
4) Vinyl Chloride	2.16	62	50631	21.503	ug/l	98
5) Bromomethane	2.48	94	19531	13.975	ug/l	100
6) Chloroethane	2.59	64	21270	15.300	ug/l	98
7) Trichlorofluoromethane	2.92	101	61819	21.053	ug/l	99
8) Diethyl Ether	3.36	74	21044	20.259	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.68	101	31368	19.825	ug/l	99
10) Methyl Iodide	3.89	142	33915	16.911	ug/l	99
11) Tert butyl alcohol	4.79	59	16607	55.710	ug/l #	74
12) 1,1-Dichloroethene	3.67	96	27578	18.297	ug/l	96
13) Acrolein	3.56	56	2144	22.959	ug/l #	58
14) Allyl chloride	4.26	41	50621	19.048	ug/l	98
15) Acrylonitrile	4.93	53	90522	103.317	ug/l	99
16) Acetone	3.79	43	64964	96.583	ug/l	96
17) Carbon Disulfide	3.98	76	70992	17.985	ug/l	99
18) Methyl Acetate	4.28	43	43572	20.834	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	110610	21.043	ug/l	98
20) Methylene Chloride	4.49	84	39389	20.439	ug/l	95
21) trans-1,2-Dichloroethene	4.97	96	30545	19.365	ug/l	96
22) Diisopropyl ether	5.90	45	132280	21.934	ug/l	99
23) Vinyl Acetate	5.84	43	404239	99.331	ug/l	99
24) 1,1-Dichloroethane	5.79	63	68769	20.406	ug/l	97
25) 2-Butanone	6.79	43	104152	93.218	ug/l	98
26) 2,2-Dichloropropane	6.77	77	53793	20.297	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	39463	19.960	ug/l	99
28) Bromochloromethane	7.15	49	33229	18.845	ug/l	97
29) Tetrahydrofuran	7.17	42	70111	97.228	ug/l	99
30) Chloroform	7.33	83	68964	20.319	ug/l	99
31) Cyclohexane	7.61	56	60206	19.410	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	56639	20.441	ug/l	98
36) 1,1-Dichloropropene	7.75	75	45146	18.802	ug/l	99
37) Ethyl Acetate	6.89	43	44060	19.584	ug/l	96
38) Carbon Tetrachloride	7.73	117	47767	19.705	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50587	16.680	ug/l	93
40) Benzene	8.00	78	148142	19.453	ug/l	98
41) Methacrylonitrile	7.13	41	19969	18.629	ug/l	92
42) 1,2-Dichloroethane	8.08	62	51912	20.302	ug/l	98
43) Isopropyl Acetate	8.13	43	73375	19.686	ug/l	99
44) Trichloroethene	8.80	130	36972	19.518	ug/l	96
45) 1,2-Dichloropropane	9.08	63	43618	19.815	ug/l	97
46) Dibromomethane	9.18	93	25647	20.168	ug/l	99
47) Bromodichloromethane	9.37	83	55786	20.029	ug/l	99
48) Methyl methacrylate	9.17	41	34246	19.419	ug/l	97
49) 1,4-Dioxane	9.18	88	4659	133.510	ug/l #	85
51) 4-Methyl-2-Pentanone	9.96	43	239258	101.554	ug/l	98
52) Toluene	10.12	92	93149	20.277	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	57940	20.116	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	64205	20.320	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	41276	21.013	ug/l	99
56) Ethyl methacrylate	10.40	69	53616	18.798	ug/l	98
57) 1,3-Dichloropropane	10.68	76	66581	20.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	67099	98.734	ug/l	99
59) 2-Hexanone	10.73	43	163551	99.523	ug/l	96
60) Dibromochloromethane	10.88	129	43148	19.849	ug/l	100
61) 1,2-Dibromoethane	10.98	107	39185	20.761	ug/l	99
64) Tetrachloroethene	10.60	164	32639	19.144	ug/l	97
65) Chlorobenzene	11.41	112	103399	19.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	41298	20.383	ug/l	98
67) Ethyl Benzene	11.49	91	172727	19.625	ug/l	99
68) m/p-Xylenes	11.60	106	130835	39.995	ug/l	99
69) o-Xylene	11.92	106	62309	19.835	ug/l	97
70) Styrene	11.94	104	109649	18.836	ug/l	99
71) Bromoform	12.10	173	32054	19.876	ug/l #	100
73) Isopropylbenzene	12.23	105	169133	20.340	ug/l	99
74) N-amyl acetate	12.05	43	62588	21.016	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	58851	20.955	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	51555m	21.843	ug/l	
77) Bromobenzene	12.50	156	46968	20.538	ug/l	99
78) n-propylbenzene	12.57	91	192014	20.259	ug/l	99
79) 2-Chlorotoluene	12.65	91	120778	20.260	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	136823	19.905	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	18356	21.360	ug/l	95
82) 4-Chlorotoluene	12.75	91	123000	20.263	ug/l	99
83) tert-Butylbenzene	12.97	119	116073	19.565	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	129144	19.285	ug/l	99
85) sec-Butylbenzene	13.15	105	150683	18.793	ug/l	99
86) p-Isopropyltoluene	13.26	119	125917	18.023	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	80617	20.512	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	79801	20.005	ug/l	99
89) n-Butylbenzene	13.59	91	97699	16.708	ug/l	98
90) Hexachloroethane	13.85	117	27968	18.835	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	78868	20.774	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9523	22.740	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	34951	19.644	ug/l	97
94) Hexachlorobutadiene	14.99	225	21254	15.150	ug/l	98
95) Naphthalene	15.11	128	79189	20.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	34198	19.228	ug/l	98

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

