

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063135.D
 Acq On : 26 Aug 2020 16:11
 Operator : JC/MD
 Sample : VN0826MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 1:28:21 PM

Quant Time: Aug 27 01:07:49 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	7.63	168	220419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	334906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	311013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	139073	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
35) Dibromofluoromethane	7.55	113	118060	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
50) Toluene-d8	10.06	98	448559	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
62) 4-Bromofluorobenzene	12.38	95	159716	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53556	18.771	ug/l	98
3) Chloromethane	2.04	50	56947	18.843	ug/l	100
4) Vinyl Chloride	2.17	62	57104	19.538	ug/l	98
5) Bromomethane	2.54	94	32885	18.956	ug/l	99
6) Chloroethane	2.68	64	34398	19.933	ug/l	98
7) Trichlorofluoromethane	2.99	101	71736	19.681	ug/l	98
8) Diethyl Ether	3.38	74	24187	18.758	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	37029	18.853	ug/l	97
10) Methyl Iodide	3.91	142	46371	18.627	ug/l	98
11) Tert butyl alcohol	4.73	59	31774	85.868	ug/l #	91
12) 1,1-Dichloroethene	3.70	96	32902	17.585	ug/l	97
13) Acrolein	3.57	56	796m	6.867	ug/l	
14) Allyl chloride	4.28	41	61198	18.551	ug/l	97
15) Acrylonitrile	4.94	53	98667	90.720	ug/l	100
16) Acetone	3.78	43	75202	89.800	ug/l	99
17) Carbon Disulfide	4.02	76	78482	16.017	ug/l	100
18) Methyl Acetate	4.28	43	48126	18.538	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	131665	20.179	ug/l	98
20) Methylene Chloride	4.51	84	65736	27.952	ug/l	99
21) trans-1,2-Dichloroethene	5.00	96	36435	18.608	ug/l	97
22) Diisopropyl ether	5.90	45	156981	20.970	ug/l	98
23) Vinyl Acetate	5.85	43	466489	92.343	ug/l	99
24) 1,1-Dichloroethane	5.80	63	81617	19.510	ug/l	100
25) 2-Butanone	6.79	43	122436	88.279	ug/l	99
26) 2,2-Dichloropropane	6.78	77	68640	20.864	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	46729	19.040	ug/l	97
28) Bromochloromethane	7.15	49	47637	21.764	ug/l	98
29) Tetrahydrofuran	7.17	42	81997	91.605	ug/l	99
30) Chloroform	7.33	83	81367	19.313	ug/l	99
31) Cyclohexane	7.62	56	67106	17.429	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	67982	19.765	ug/l	98
36) 1,1-Dichloropropene	7.75	75	53352	18.077	ug/l	99
37) Ethyl Acetate	6.88	43	47072	17.021	ug/l	99
38) Carbon Tetrachloride	7.73	117	54873	18.416	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	50740	13.898	ug/l	96
40) Benzene	8.00	78	177328	18.944	ug/l	99
41) Methacrylonitrile	7.13	41	26157	19.852	ug/l	94
42) 1,2-Dichloroethane	8.08	62	60109	19.124	ug/l	100
43) Isopropyl Acetate	8.13	43	85270	18.612	ug/l	100
44) Trichloroethene	8.80	130	44035	18.912	ug/l	98
45) 1,2-Dichloropropane	9.08	63	52252	19.311	ug/l	100
46) Dibromomethane	9.17	93	29316	18.755	ug/l	99
47) Bromodichloromethane	9.37	83	65812	19.223	ug/l	98
48) Methyl methacrylate	9.17	41	40285	18.584	ug/l	98
49) 1,4-Dioxane	9.17	88	14496	314.531	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	268416	92.687	ug/l	100
52) Toluene	10.13	92	108758	19.260	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	69879	19.738	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	78025	20.090	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	46006	19.054	ug/l	95
56) Ethyl methacrylate	10.40	69	63089	18.070	ug/l	96
57) 1,3-Dichloropropane	10.68	76	77455	19.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	154862	174.680	ug/l	99
59) 2-Hexanone	10.72	43	192738	95.416	ug/l	98
60) Dibromochloromethane	10.88	129	50029	18.723	ug/l	100
61) 1,2-Dibromoethane	10.98	107	43199	18.620	ug/l	99
64) Tetrachloroethene	10.60	164	43006	21.036	ug/l	96
65) Chlorobenzene	11.41	112	122266	19.574	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	47069	19.374	ug/l	98
67) Ethyl Benzene	11.48	91	204474	19.373	ug/l	100
68) m/p-Xylenes	11.60	106	153065	39.020	ug/l	99
69) o-Xylene	11.92	106	74371	19.743	ug/l	100
70) Styrene	11.94	104	135514	19.354	ug/l	98
71) Bromoform	12.10	173	37135	19.203	ug/l #	88
73) Isopropylbenzene	12.23	105	194986	19.032	ug/l	100
74) N-amyl acetate	12.05	43	77855	21.218	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	64508	18.450	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	56824m	19.541	ug/l	
77) Bromobenzene	12.50	156	56500	20.052	ug/l	97
78) n-propylbenzene	12.57	91	213658	18.297	ug/l	99
79) 2-Chlorotoluene	12.65	91	137279	18.690	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	157286	18.572	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	21088	19.917	ug/l	95
82) 4-Chlorotoluene	12.75	91	146007	19.522	ug/l	99
83) tert-Butylbenzene	12.97	119	123022	16.830	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	163212	19.782	ug/l	100
85) sec-Butylbenzene	13.15	105	158560	16.050	ug/l	99
86) p-Isopropyltoluene	13.26	119	143235	16.640	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	94214	19.456	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	95976	19.528	ug/l	99
89) n-Butylbenzene	13.59	91	118636	16.507	ug/l	99
90) Hexachloroethane	13.85	117	26333	14.393	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	93956	20.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11550	22.385	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	53441	23.283	ug/l	100
94) Hexachlorobutadiene	14.98	225	20006	11.574	ug/l	99
95) Naphthalene	15.11	128	155787	28.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	52289	22.906	ug/l	99

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

