

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062905.D
 Acq On : 13 Aug 2020 12:49
 Operator : JC/MD
 Sample : VN0813MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813MBS01

Manual Integrations
 APPROVED

MMDadoda
 8/14/2020 4:50:08 PM

Quant Time: Aug 14 05:38:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	156736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	234272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	109733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	126069	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
35) Dibromofluoromethane	7.54	113	86823	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	10.06	98	327685	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.38	95	120661	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42863	19.098	ug/l	98
3) Chloromethane	2.03	50	49788	23.508	ug/l	97
4) Vinyl Chloride	2.16	62	47154	23.737	ug/l	99
5) Bromomethane	2.52	94	30303	23.044	ug/l	96
6) Chloroethane	2.66	64	27216	20.825	ug/l	92
7) Trichlorofluoromethane	2.98	101	70709	19.962	ug/l	96
8) Diethyl Ether	3.37	74	20494	20.210	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	29658	20.237	ug/l	96
10) Methyl Iodide	3.91	142	34415	20.045	ug/l	95
11) Tert butyl alcohol	4.73	59	40708	95.826	ug/l	99
12) 1,1-Dichloroethene	3.69	96	26197	18.899	ug/l	96
13) Acrolein	3.57	56	22890	88.994	ug/l	100
14) Allyl chloride	4.27	41	49384	17.996	ug/l	95
15) Acrylonitrile	4.93	53	98879	100.354	ug/l	99
16) Acetone	3.78	43	87422	93.344	ug/l	97
17) Carbon Disulfide	4.00	76	69263	17.677	ug/l	99
18) Methyl Acetate	4.28	43	49045	21.497	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	119532	19.684	ug/l	100
20) Methylene Chloride	4.49	84	35824	20.452	ug/l	92
21) trans-1,2-Dichloroethene	4.98	96	28080	17.903	ug/l	98
22) Diisopropyl ether	5.90	45	120151	20.568	ug/l	93
23) Vinyl Acetate	5.84	43	409010	92.052	ug/l	100
24) 1,1-Dichloroethane	5.80	63	64992	18.985	ug/l	99
25) 2-Butanone	6.79	43	128623	96.967	ug/l	96
26) 2,2-Dichloropropane	6.77	77	56450	17.889	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37577	19.971	ug/l	92
28) Bromochloromethane	7.15	49	31612	19.133	ug/l	99
29) Tetrahydrofuran	7.17	42	84834	98.443	ug/l	99
30) Chloroform	7.33	83	68959	18.955	ug/l	97
31) Cyclohexane	7.61	56	58902	18.744	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	59062	18.158	ug/l	97
36) 1,1-Dichloropropene	7.75	75	45538	18.949	ug/l	99
37) Ethyl Acetate	6.88	43	49536	19.732	ug/l	98
38) Carbon Tetrachloride	7.73	117	51256	18.033	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	54738	18.926	ug/l	99
40) Benzene	8.00	78	136045	18.971	ug/l	97
41) Methacrylonitrile	7.13	41	20100m	17.744	ug/l	
42) 1,2-Dichloroethane	8.08	62	58217	19.074	ug/l	99
43) Isopropyl Acetate	8.13	43	80612	19.252	ug/l	98
44) Trichloroethene	8.80	130	33296	19.057	ug/l	90
45) 1,2-Dichloropropane	9.08	63	38669	19.923	ug/l	98
46) Dibromomethane	9.17	93	25473	20.030	ug/l	98
47) Bromodichloromethane	9.37	83	55312	19.366	ug/l	94
48) Methyl methacrylate	9.17	41	40475	19.652	ug/l	96
49) 1,4-Dioxane	9.17	88	15852	415.380	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	272173	100.461	ug/l	99
52) Toluene	10.12	92	85537	19.318	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	61023	19.423	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	62587	19.841	ug/l	95
55) 1,1,2-Trichloroethane	10.54	97	37677	19.924	ug/l	96
56) Ethyl methacrylate	10.40	69	55184	19.387	ug/l	98
57) 1,3-Dichloropropane	10.68	76	62763	19.533	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	65173	81.003	ug/l	100
59) 2-Hexanone	10.72	43	196661	97.312	ug/l	99
60) Dibromochloromethane	10.87	129	42754	19.812	ug/l	96
61) 1,2-Dibromoethane	10.98	107	38063	20.398	ug/l	96
64) Tetrachloroethene	10.60	164	28989	19.178	ug/l	94
65) Chlorobenzene	11.41	112	94459	19.288	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	38304	19.477	ug/l	99
67) Ethyl Benzene	11.48	91	165760	18.915	ug/l	96
68) m/p-Xylenes	11.60	106	123604	38.855	ug/l	95
69) o-Xylene	11.92	106	58953	19.775	ug/l	96
70) Styrene	11.94	104	104850	20.009	ug/l	98
71) Bromoform	12.10	173	30521	18.968	ug/l	# 99
73) Isopropylbenzene	12.22	105	164210	19.873	ug/l	99
74) N-amyl acetate	12.05	43	65993	19.708	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	58893	20.247	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	54232m	18.325	ug/l	
77) Bromobenzene	12.50	156	40662	19.806	ug/l	95
78) n-propylbenzene	12.57	91	186994	19.279	ug/l	99
79) 2-Chlorotoluene	12.65	91	119629	19.668	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	143004	19.949	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	19069	19.670	ug/l	98
82) 4-Chlorotoluene	12.75	91	121942	19.455	ug/l	99
83) tert-Butylbenzene	12.97	119	120768	19.910	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	142130	20.725	ug/l	99
85) sec-Butylbenzene	13.15	105	158368	19.882	ug/l	100
86) p-Isopropyltoluene	13.26	119	138707	19.618	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	71634	19.531	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	70631	19.200	ug/l	99
89) n-Butylbenzene	13.59	91	107464	17.971	ug/l	100
90) Hexachloroethane	13.85	117	28561	18.740	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	71283	20.730	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11834	18.951	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	29764	18.369	ug/l	99
94) Hexachlorobutadiene	14.98	225	23015	20.348	ug/l	98
95) Naphthalene	15.11	128	78062	18.035	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	31371	19.031	ug/l	100

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

