

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059262.D
 Acq On : 15 Nov 2019 13:51
 Operator : JC/SP
 Sample : VN1115MBSD01
 Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1115MBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 3:09:41 PM

Quant Time: Nov 16 00:56:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	377728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	582159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	527865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	239023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	225519	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.57	113	183082	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	10.08	98	684607	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.40	95	244649	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	67430	17.718	ug/l	100
3) Chloromethane	2.04	50	94598	18.286	ug/l	99
4) Vinyl Chloride	2.17	62	94683	18.878	ug/l	100
5) Bromomethane	2.55	94	57426	19.896	ug/l	99
6) Chloroethane	2.69	64	57533	19.391	ug/l	97
7) Trichlorofluoromethane	3.00	101	124210	20.704	ug/l	100
8) Diethyl Ether	3.39	74	52482	21.530	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	74312	20.544	ug/l	100
10) Methyl Iodide	3.93	142	89523	19.995	ug/l	100
11) Tert butyl alcohol	4.75	59	87417	98.787	ug/l	99
12) 1,1-Dichloroethene	3.72	96	71789	20.374	ug/l	98
13) Acrolein	3.58	56	28728	62.967	ug/l	97
14) Allyl chloride	4.30	41	145790	20.142	ug/l	96
15) Acrylonitrile	4.95	53	246803	112.070	ug/l	99
16) Acetone	3.79	43	201087	83.280	ug/l	99
17) Carbon Disulfide	4.03	76	187028	17.099	ug/l	99
18) Methyl Acetate	4.30	43	132155	23.059	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	266388	21.959	ug/l	100
20) Methylene Chloride	4.53	84	87702	20.849	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	78067	20.640	ug/l	97
22) Diisopropyl ether	5.92	45	294728	21.558	ug/l	94
23) Vinyl Acetate	5.87	43	1196603	112.934	ug/l	100
24) 1,1-Dichloroethane	5.82	63	161585	21.161	ug/l	99
25) 2-Butanone	6.81	43	319937	100.537	ug/l	97
26) 2,2-Dichloropropane	6.80	77	136537	20.449	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	92424	21.063	ug/l	100
28) Bromochloromethane	7.17	49	46653	20.308	ug/l	98
29) Tetrahydrofuran	7.19	42	221640	109.613	ug/l	99
30) Chloroform	7.35	83	160745	21.945	ug/l	100
31) Cyclohexane	7.63	56	134871	18.658	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	133573	21.690	ug/l	98
36) 1,1-Dichloropropene	7.77	75	111189	20.434	ug/l	100
37) Ethyl Acetate	6.91	43	135451	22.376	ug/l	99
38) Carbon Tetrachloride	7.75	117	111857	20.653	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	120631	19.101	ug/l	99
40) Benzene	8.02	78	350073	21.364	ug/l	99
41) Methacrylonitrile	7.16	41	59249m	22.508	ug/l	
42) 1,2-Dichloroethane	8.10	62	123694	22.009	ug/l	100
43) Isopropyl Acetate	8.14	43	204937	21.235	ug/l	98
44) Trichloroethene	8.82	130	84983	21.098	ug/l	97
45) 1,2-Dichloropropane	9.10	63	97486	21.903	ug/l	99
46) Dibromomethane	9.19	93	59560	21.475	ug/l	100
47) Bromodichloromethane	9.39	83	122323	22.087	ug/l	99
48) Methyl methacrylate	9.18	41	88372	20.472	ug/l	98
49) 1,4-Dioxane	9.18	88	27413	357.334	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	658729	120.632	ug/l	99
52) Toluene	10.15	92	210803	21.464	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	135124	21.118	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	148050	21.510	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	86742	21.823	ug/l	99
56) Ethyl methacrylate	10.42	69	125265	20.060	ug/l	99
57) 1,3-Dichloropropane	10.70	76	151896	22.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	238256	107.706	ug/l	99
59) 2-Hexanone	10.74	43	469426	112.000	ug/l	100
60) Dibromochloromethane	10.90	129	89932	21.399	ug/l	98
61) 1,2-Dibromoethane	11.00	107	87676	21.789	ug/l	99
64) Tetrachloroethene	10.62	164	75904	21.147	ug/l	93
65) Chlorobenzene	11.43	112	223847	21.754	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	86790	22.484	ug/l	100
67) Ethyl Benzene	11.51	91	398583	21.832	ug/l	99
68) m/p-Xylenes	11.62	106	293013	42.845	ug/l	99
69) o-Xylene	11.94	106	142087	21.499	ug/l	100
70) Styrene	11.96	104	223849	21.536	ug/l	99
71) Bromoform	12.12	173	66521	22.155	ug/l #	97
73) Isopropylbenzene	12.25	105	384433	22.111	ug/l	100
74) N-amyl acetate	12.07	43	154625	20.988	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	134708	22.751	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	113798m	20.912	ug/l	
77) Bromobenzene	12.53	156	93681	21.446	ug/l	98
78) n-propylbenzene	12.59	91	434996	21.851	ug/l	99
79) 2-Chlorotoluene	12.67	91	268256	21.722	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	326243	22.144	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43561	21.143	ug/l	98
82) 4-Chlorotoluene	12.77	91	266101	21.483	ug/l	99
83) tert-Butylbenzene	12.99	119	277326	21.798	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	316696	22.219	ug/l	100
85) sec-Butylbenzene	13.17	105	368132	22.248	ug/l	100
86) p-Isopropyltoluene	13.29	119	325895	22.306	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	161770	21.626	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	160011	21.380	ug/l	99
89) n-Butylbenzene	13.62	91	270569	21.159	ug/l	100
90) Hexachloroethane	13.88	117	61731	21.042	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	161016	21.882	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25084	21.250	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	82086	20.313	ug/l	99
94) Hexachlorobutadiene	15.01	225	56552	22.289	ug/l	98
95) Naphthalene	15.13	128	220302	19.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	85418	20.714	ug/l	99

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

