

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052477.D
 Acq On : 27 Nov 2018 14:33
 Operator : MD\SY
 Sample : VN1127MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/28/2018 9:33:52 AM

Quant Time: Nov 28 06:29:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1054593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1644506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1450648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	643257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	230340	20.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.12%	
35) Dibromofluoromethane	7.59	113	209492	20.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.32%	
50) Toluene-d8	10.09	98	822059	20.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.66%	
62) 4-Bromofluorobenzene	12.40	95	275657	20.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	185427	18.778	ug/l	97
3) Chloromethane	2.06	50	250305	19.203	ug/l	98
4) Vinyl Chloride	2.19	62	253364	18.923	ug/l	98
5) Bromomethane	2.58	94	162824	19.490	ug/l	98
6) Chloroethane	2.71	64	152916	18.854	ug/l	100
7) Trichlorofluoromethane	3.02	101	316703	19.256	ug/l	98
8) Diethyl Ether	3.41	74	117553	19.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	200977	19.583	ug/l	99
10) Methyl Iodide	3.96	142	251975	18.434	ug/l	99
11) Tert butyl alcohol	4.78	59	48564	84.481	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	193572	19.595	ug/l	99
13) Acrolein	3.61	56	80754	102.838	ug/l	98
14) Allyl chloride	4.33	41	335959	19.732	ug/l	99
15) Acrylonitrile	4.99	53	328821	90.363	ug/l	99
16) Acetone	3.82	43	260619	86.051	ug/l	99
17) Carbon Disulfide	4.06	76	568698	18.293	ug/l	100
18) Methyl Acetate	4.33	43	158969	18.298	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	508564	19.349	ug/l	100
20) Methylene Chloride	4.55	84	221990	18.730	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	208738	19.784	ug/l	96
22) Diisopropyl ether	5.95	45	703495	19.671	ug/l	96
23) Vinyl Acetate	5.90	43	2111309	94.781	ug/l	99
24) 1,1-Dichloroethane	5.85	63	404647	19.816	ug/l	98
25) 2-Butanone	6.84	43	375155	87.392	ug/l	99
26) 2,2-Dichloropropane	6.82	77	275003	19.457	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	241498	19.650	ug/l	98
28) Bromochloromethane	7.19	49	185581	19.898	ug/l	97
29) Tetrahydrofuran	7.21	42	238897	86.281	ug/l	99
30) Chloroform	7.37	83	390941	19.189	ug/l	100
31) Cyclohexane	7.65	56	392009	19.612	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	315504	19.546	ug/l	99
36) 1,1-Dichloropropene	7.79	75	303583	19.549	ug/l	99
37) Ethyl Acetate	6.93	43	162642	17.161	ug/l	99
38) Carbon Tetrachloride	7.78	117	269988	19.205	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	377990	20.025	ug/l	100
40) Benzene	8.04	78	912696	19.721	ug/l	100
41) Methacrylonitrile	7.17	41	95680	18.466	ug/l	96
42) 1,2-Dichloroethane	8.12	62	273149	19.492	ug/l	100
43) Isopropyl Acetate	8.16	43	291299	18.162	ug/l	100
44) Trichloroethene	8.84	130	232577	19.619	ug/l	100
45) 1,2-Dichloropropane	9.12	63	246312	20.018	ug/l	98
46) Dibromomethane	9.21	93	130904	19.218	ug/l	99
47) Bromodichloromethane	9.40	83	287120	19.388	ug/l	99
48) Methyl methacrylate	9.20	41	151753	18.145	ug/l	99
49) 1,4-Dioxane	9.20	88	31011	357.290	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	817116	90.801	ug/l	100
52) Toluene	10.16	92	555202	20.191	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	269725	18.932	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	335097	19.627	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	186962	19.330	ug/l	97
56) Ethyl methacrylate	10.43	69	229559	18.864	ug/l	99
57) 1,3-Dichloropropane	10.71	76	329551	19.296	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	646287	92.083	ug/l	99
59) 2-Hexanone	10.75	43	553044	91.569	ug/l	99
60) Dibromochloromethane	10.90	129	198791	18.923	ug/l	99
61) 1,2-Dibromoethane	11.01	107	183523	19.104	ug/l	99
64) Tetrachloroethene	10.63	164	224052	19.921	ug/l	98
65) Chlorobenzene	11.44	112	602789	20.152	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	204328	19.646	ug/l	99
67) Ethyl Benzene	11.51	91	1060139	20.239	ug/l	100
68) m/p-Xylenes	11.62	106	789520	40.487	ug/l	99
69) o-Xylene	11.95	106	393653	20.788	ug/l	99
70) Styrene	11.97	104	622053	20.624	ug/l	100
71) Bromoform	12.13	173	128164	18.611	ug/l #	96
73) Isopropylbenzene	12.25	105	1037875	20.565	ug/l	99
74) N-amyl acetate	12.07	43	242892	19.050	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	214000	18.641	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	196230m	19.782	ug/l	
77) Bromobenzene	12.53	156	355320	28.484	ug/l	64
78) n-propylbenzene	12.59	91	1187415	20.711	ug/l	99
79) 2-Chlorotoluene	12.68	91	695018	20.357	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	873545	21.703	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	51189	17.234	ug/l	96
82) 4-Chlorotoluene	12.77	91	693114	20.143	ug/l	98
83) tert-Butylbenzene	12.99	119	740243	20.629	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	849254	21.054	ug/l	100
85) sec-Butylbenzene	13.17	105	1014147	20.750	ug/l	100
86) p-Isopropyltoluene	13.29	119	877480	21.079	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	433868	19.884	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	425820	19.812	ug/l	99
89) n-Butylbenzene	13.62	91	741213	21.410	ug/l	100
90) Hexachloroethane	13.88	117	136622	19.383	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	419438	20.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29912	18.218	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	216984	20.755	ug/l	99
94) Hexachlorobutadiene	15.01	225	138212	20.609	ug/l	99
95) Naphthalene	15.14	128	451382	20.789	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	202848	20.992	ug/l	98

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

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