

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
 Data File : VN052531.D
 Acq On : 28 Nov 2018 20:21
 Operator : MD\SY
 Sample : VN1128MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128MBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/29/2018 9:34:42 AM

Quant Time: Nov 29 02:29:02 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	1138408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1758515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1537268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	683026	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	589632	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	7.59	113	542709	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	10.09	98	2089798	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	703348	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	196267	18.413	ug/l	97
3) Chloromethane	2.06	50	246173	17.496	ug/l	100
4) Vinyl Chloride	2.19	62	264769	18.318	ug/l	99
5) Bromomethane	2.58	94	123025	13.642	ug/l	99
6) Chloroethane	2.71	64	161398	18.435	ug/l	99
7) Trichlorofluoromethane	3.03	101	346076	19.492	ug/l	99
8) Diethyl Ether	3.41	74	126017	19.220	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	214988	19.406	ug/l	99
10) Methyl Iodide	3.96	142	237328	16.084	ug/l	99
11) Tert butyl alcohol	4.78	59	52497	84.599	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	206990	19.410	ug/l	99
13) Acrolein	3.61	56	77310	94.991	ug/l	98
14) Allyl chloride	4.33	41	342115	18.614	ug/l	98
15) Acrylonitrile	4.99	53	340988	86.808	ug/l	99
16) Acetone	3.82	43	233419	71.396	ug/l	98
17) Carbon Disulfide	4.06	76	585861	17.458	ug/l	100
18) Methyl Acetate	4.33	43	163922	17.479	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	556700	19.621	ug/l	99
20) Methylene Chloride	4.55	84	233256	18.232	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	221996	19.492	ug/l	97
22) Diisopropyl ether	5.95	45	729013	18.883	ug/l	96
23) Vinyl Acetate	5.90	43	2201671	91.561	ug/l	99
24) 1,1-Dichloroethane	5.85	63	419840	19.047	ug/l	98
25) 2-Butanone	6.84	43	368944	79.617	ug/l	95
26) 2,2-Dichloropropane	6.83	77	261464	17.137	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	256671	19.347	ug/l	97
28) Bromochloromethane	7.19	49	186315	18.506	ug/l	94
29) Tetrahydrofuran	7.21	42	247421	82.780	ug/l	97
30) Chloroform	7.37	83	416797	18.952	ug/l	99
31) Cyclohexane	7.66	56	407356	18.866	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	341300	19.587	ug/l	98
36) 1,1-Dichloropropene	7.79	75	319714	19.253	ug/l	98
37) Ethyl Acetate	6.93	43	172604	17.031	ug/l	98
38) Carbon Tetrachloride	7.77	117	289316	19.245	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	388534	19.249	ug/l	98
40) Benzene	8.04	78	963971	19.478	ug/l	99
41) Methacrylonitrile	7.17	41	97695	17.632	ug/l	95
42) 1,2-Dichloroethane	8.13	62	288283	19.238	ug/l	99
43) Isopropyl Acetate	8.16	43	325507	18.979	ug/l	98
44) Trichloroethene	8.84	130	252306	19.903	ug/l	97
45) 1,2-Dichloropropane	9.12	63	253513	19.268	ug/l	99
46) Dibromomethane	9.21	93	142164	19.518	ug/l	98
47) Bromodichloromethane	9.40	83	302472	19.100	ug/l	100
48) Methyl methacrylate	9.20	41	160765	17.977	ug/l	99
49) 1,4-Dioxane	9.20	88	32873	354.188	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	846281	87.945	ug/l	99
52) Toluene	10.16	92	599768	20.398	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	285440	18.736	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	346846	18.998	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	201490	19.481	ug/l	98
56) Ethyl methacrylate	10.43	69	246108	18.906	ug/l	100
57) 1,3-Dichloropropane	10.71	76	345698	18.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	685124	91.288	ug/l	98
59) 2-Hexanone	10.75	43	542659	84.024	ug/l	99
60) Dibromochloromethane	10.90	129	214352	19.082	ug/l	98
61) 1,2-Dibromoethane	11.01	107	195759	19.056	ug/l	99
64) Tetrachloroethene	10.63	164	238193	19.984	ug/l	99
65) Chlorobenzene	11.43	112	640099	20.193	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	217354	19.721	ug/l	100
67) Ethyl Benzene	11.51	91	1115618	20.098	ug/l	100
68) m/p-Xylenes	11.62	106	852799	41.268	ug/l	99
69) o-Xylene	11.95	106	417209	20.791	ug/l	99
70) Styrene	11.96	104	652588	20.417	ug/l	100
71) Bromoform	12.13	173	133777	18.331	ug/l #	100
73) Isopropylbenzene	12.25	105	1097763	20.485	ug/l	99
74) N-amyl acetate	12.07	43	256148	18.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	226416	18.574	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	191927m	18.222	ug/l	
77) Bromobenzene	12.53	156	273149	20.622	ug/l	95
78) n-propylbenzene	12.59	91	1234654	20.281	ug/l	99
79) 2-Chlorotoluene	12.68	91	727773	20.075	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	891932	20.870	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52426	16.622	ug/l	98
82) 4-Chlorotoluene	12.77	91	734198	20.095	ug/l	99
83) tert-Butylbenzene	12.99	119	785234	20.609	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	900084	21.015	ug/l	100
85) sec-Butylbenzene	13.17	105	1048338	20.201	ug/l	99
86) p-Isopropyltoluene	13.29	119	900190	20.366	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	466151	20.120	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	454417	19.912	ug/l	98
89) n-Butylbenzene	13.62	91	737136	20.053	ug/l	99
90) Hexachloroethane	13.88	117	139220	18.602	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	451587	20.401	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31718	18.193	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	222563	20.145	ug/l	100
94) Hexachlorobutadiene	15.01	225	139923	19.649	ug/l	99
95) Naphthalene	15.13	128	448148	19.661	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	203382	19.974	ug/l	99

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

