

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052855.D
 Acq On : 13 Dec 2018 11:07
 Operator : MD\SY
 Sample : VN1213MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 9:02:11 AM

Quant Time: Dec 14 02:17:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	685576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1053170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	923709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	414483	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	395132	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
35) Dibromofluoromethane	7.59	113	328684	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
50) Toluene-d8	10.09	98	1373274	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
62) 4-Bromofluorobenzene	12.40	95	451639	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	133339	18.894	ug/l	99
3) Chloromethane	2.06	50	158643	18.730	ug/l	99
4) Vinyl Chloride	2.19	62	160325	18.920	ug/l	99
5) Bromomethane	2.58	94	96425	18.449	ug/l	99
6) Chloroethane	2.71	64	92659	18.499	ug/l	99
7) Trichlorofluoromethane	3.03	101	194650	18.528	ug/l	99
8) Diethyl Ether	3.41	74	73355	19.141	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	123100	18.906	ug/l	100
10) Methyl Iodide	3.96	142	155248	17.025	ug/l	100
11) Tert butyl alcohol	4.78	59	34949	85.804	ug/l	99
12) 1,1-Dichloroethene	3.74	96	117149	18.586	ug/l	99
13) Acrolein	3.61	56	52786	137.647	ug/l	98
14) Allyl chloride	4.33	41	192488	18.697	ug/l	96
15) Acrylonitrile	4.99	53	214448	93.848	ug/l	99
16) Acetone	3.82	43	162679	99.364	ug/l	94
17) Carbon Disulfide	4.06	76	357666	18.471	ug/l	99
18) Methyl Acetate	4.33	43	106581	17.738	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	312133	18.241	ug/l	100
20) Methylene Chloride	4.56	84	137802	18.703	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	126136	18.471	ug/l	99
22) Diisopropyl ether	5.95	45	407393	18.549	ug/l	96
23) Vinyl Acetate	5.90	43	1221397	93.457	ug/l	100
24) 1,1-Dichloroethane	5.85	63	239256	18.890	ug/l	99
25) 2-Butanone	6.84	43	234035	92.127	ug/l	99
26) 2,2-Dichloropropane	6.83	77	171228	18.358	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	142190	18.346	ug/l	99
28) Bromochloromethane	7.20	49	82003	14.418	ug/l	99
29) Tetrahydrofuran	7.21	42	160061	92.293	ug/l	99
30) Chloroform	7.37	83	234450	18.982	ug/l	99
31) Cyclohexane	7.66	56	224925	17.835	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	191835	18.564	ug/l	99
36) 1,1-Dichloropropene	7.80	75	178577	18.413	ug/l	99
37) Ethyl Acetate	6.93	43	108673	18.653	ug/l	99
38) Carbon Tetrachloride	7.78	117	165135	18.499	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	209952	17.641	ug/l	99
40) Benzene	8.04	78	540188	18.558	ug/l	97
41) Methacrylonitrile	7.18	41	63387	19.636	ug/l	92
42) 1,2-Dichloroethane	8.12	62	165989	18.942	ug/l	100
43) Isopropyl Acetate	8.17	43	201434	16.863	ug/l	98
44) Trichloroethene	8.84	130	145176	18.465	ug/l	97
45) 1,2-Dichloropropane	9.12	63	142344	18.670	ug/l	99
46) Dibromomethane	9.21	93	82108	18.570	ug/l	99
47) Bromodichloromethane	9.40	83	172885	18.855	ug/l	99
48) Methyl methacrylate	9.20	41	97356	18.585	ug/l	99
49) 1,4-Dioxane	9.20	88	22258	374.329	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	506278	92.431	ug/l	99
52) Toluene	10.16	92	330792	18.763	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	165878	17.978	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	198591	18.062	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	117603	18.687	ug/l	96
56) Ethyl methacrylate	10.43	69	145306	17.991	ug/l	98
57) 1,3-Dichloropropane	10.71	76	201901	18.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	287408	63.777	ug/l	99
59) 2-Hexanone	10.75	43	347771	92.647	ug/l	97
60) Dibromochloromethane	10.90	129	125768	18.491	ug/l	97
61) 1,2-Dibromoethane	11.01	107	114671	18.434	ug/l	100
64) Tetrachloroethene	10.63	164	147271	18.550	ug/l	99
65) Chlorobenzene	11.43	112	348766	18.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	122324	18.354	ug/l	99
67) Ethyl Benzene	11.51	91	596107	18.113	ug/l	99
68) m/p-Xylenes	11.62	106	451550	36.541	ug/l	100
69) o-Xylene	11.95	106	221948	18.393	ug/l	100
70) Styrene	11.96	104	352922	18.194	ug/l	100
71) Bromoform	12.13	173	81168	17.926	ug/l #	99
73) Isopropylbenzene	12.25	105	576965	18.644	ug/l	99
74) N-amyl acetate	12.07	43	149365	17.580	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	131392	18.944	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	111577m	18.246	ug/l	
77) Bromobenzene	12.53	156	148787	18.903	ug/l	98
78) n-propylbenzene	12.59	91	646745	18.324	ug/l	100
79) 2-Chlorotoluene	12.67	91	385363	18.469	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	467285	18.705	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	32478	17.062	ug/l	92
82) 4-Chlorotoluene	12.77	91	388293	18.201	ug/l	99
83) tert-Butylbenzene	12.99	119	407936	18.511	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	469756	18.574	ug/l	99
85) sec-Butylbenzene	13.17	105	549643	18.417	ug/l	100
86) p-Isopropyltoluene	13.29	119	469389	18.154	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	252106	18.023	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	248405	17.933	ug/l	98
89) n-Butylbenzene	13.62	91	374730	17.215	ug/l	100
90) Hexachloroethane	13.88	117	76229	17.606	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	243900	18.127	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19401	18.557	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	117999	16.133	ug/l	100
94) Hexachlorobutadiene	15.01	225	80967	19.125	ug/l	99
95) Naphthalene	15.13	128	240124	15.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	109521	16.319	ug/l	98

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

