

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052819\
 Data File : VN055856.D
 Acq On : 28 May 2019 16:37
 Operator : JC/SP
 Sample : VN0528MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528MBS01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:53:31 AM

Quant Time: May 29 05:58:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	364235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	523767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	453316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	186643	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	7.59	113	167263	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.09	98	627120	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	203539	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	44681	18.227	ug/l	99
3) Chloromethane	2.06	50	61546	17.920	ug/l	99
4) Vinyl Chloride	2.18	62	68611	18.729	ug/l	98
5) Bromomethane	2.54	94	48360m	21.101	ug/l	
6) Chloroethane	2.69	64	42943	19.470	ug/l	100
7) Trichlorofluoromethane	3.01	101	93436	19.455	ug/l	99
8) Diethyl Ether	3.40	74	41446	19.254	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	58170	19.403	ug/l	99
10) Methyl Iodide	3.94	142	90826	20.722	ug/l	99
11) Tert butyl alcohol	4.81	59	76683	106.696	ug/l #	86
12) 1,1-Dichloroethene	3.72	96	59252	19.128	ug/l	98
13) Acrolein	3.60	56	42087	81.782	ug/l	97
14) Allyl chloride	4.31	41	99469	18.731	ug/l	98
15) Acrylonitrile	4.99	53	165946	100.553	ug/l	99
16) Acetone	3.82	43	138610	83.829	ug/l	97
17) Carbon Disulfide	4.04	76	147570	16.767	ug/l	99
18) Methyl Acetate	4.33	43	74346	21.394	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	202350	19.586	ug/l	99
20) Methylene Chloride	4.54	84	69727	19.472	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	62960	18.918	ug/l	99
22) Diisopropyl ether	5.96	45	200384	19.401	ug/l	98
23) Vinyl Acetate	5.90	43	851178	96.118	ug/l	100
24) 1,1-Dichloroethane	5.84	63	117173	19.485	ug/l	98
25) 2-Butanone	6.84	43	219117	94.888	ug/l	100
26) 2,2-Dichloropropane	6.82	77	84737	16.282	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	76730	19.762	ug/l	97
28) Bromochloromethane	7.19	49	57821	20.195	ug/l	96
29) Tetrahydrofuran	7.22	42	148801	101.754	ug/l	99
30) Chloroform	7.37	83	119456	19.918	ug/l	98
31) Cyclohexane	7.65	56	106427	18.850	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	104288	19.487	ug/l	99
36) 1,1-Dichloropropene	7.79	75	85490	18.730	ug/l	99
37) Ethyl Acetate	6.93	43	90322	20.474	ug/l	97
38) Carbon Tetrachloride	7.77	117	90053	18.941	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	105493	18.664	ug/l	99
40) Benzene	8.04	78	274538	19.957	ug/l	99
41) Methacrylonitrile	7.17	41	45053	20.215	ug/l	96
42) 1,2-Dichloroethane	8.12	62	90974	20.239	ug/l	99
43) Isopropyl Acetate	8.17	43	141500	19.090	ug/l #	93
44) Trichloroethene	8.84	130	78023	20.345	ug/l	95
45) 1,2-Dichloropropane	9.12	63	71051	19.824	ug/l	99
46) Dibromomethane	9.21	93	48198	20.505	ug/l	97
47) Bromodichloromethane	9.40	83	91395	18.963	ug/l	100
48) Methyl methacrylate	9.20	41	69750	20.418	ug/l	99
49) 1,4-Dioxane	9.20	88	28980	408.235	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	443308	101.268	ug/l	100
52) Toluene	10.16	92	173930	20.104	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	93165	18.109	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	105922	18.585	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	70976	20.478	ug/l	98
56) Ethyl methacrylate	10.43	69	104744	19.554	ug/l	98
57) 1,3-Dichloropropane	10.71	76	113997	20.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	185260	90.501	ug/l	100
59) 2-Hexanone	10.75	43	299710	96.509	ug/l	100
60) Dibromochloromethane	10.90	129	76523	18.952	ug/l	99
61) 1,2-Dibromoethane	11.01	107	72216	20.088	ug/l	99
64) Tetrachloroethene	10.63	164	79715	20.849	ug/l	97
65) Chlorobenzene	11.43	112	187524	20.664	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	71756	19.825	ug/l	100
67) Ethyl Benzene	11.51	91	323939	19.905	ug/l	98
68) m/p-Xylenes	11.62	106	248045	40.317	ug/l	98
69) o-Xylene	11.95	106	122807	20.119	ug/l	98
70) Styrene	11.96	104	196900	19.920	ug/l	99
71) Bromoform	12.13	173	56861	18.418	ug/l #	99
73) Isopropylbenzene	12.25	105	323162	22.657	ug/l	100
74) N-amyl acetate	12.07	43	112957	20.813	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	95763	22.293	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	79331m	22.739	ug/l	
77) Bromobenzene	12.53	156	85298	21.219	ug/l	97
78) n-propylbenzene	12.59	91	330796	20.203	ug/l	99
79) 2-Chlorotoluene	12.67	91	205111	21.820	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	260095	21.605	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	24492	17.493	ug/l	93
82) 4-Chlorotoluene	12.77	91	191678	19.915	ug/l	100
83) tert-Butylbenzene	12.99	119	234147	22.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	256071	21.400	ug/l	99
85) sec-Butylbenzene	13.17	105	292257	21.709	ug/l	99
86) p-Isopropyltoluene	13.29	119	263073	20.108	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	128646	20.210	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	121079	20.007	ug/l	100
89) n-Butylbenzene	13.61	91	184867	18.442	ug/l	99
90) Hexachloroethane	13.87	117	47258	18.978	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	130081	20.483	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15626	18.720	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	56885	18.073	ug/l	99
94) Hexachlorobutadiene	15.01	225	48769	20.752	ug/l	98
95) Naphthalene	15.13	128	158757	18.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	64281	19.148	ug/l	99

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

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