

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055775.D
 Acq On : 24 May 2019 00:18
 Operator : JC/SP
 Sample : VN0523MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:52:53 AM

Quant Time: May 24 08:02:15 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	382267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	546060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	488851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224878	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	189549	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	7.59	113	173658	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	10.09	98	664979	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.40	95	224487	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	47133	18.320	ug/l	100
3) Chloromethane	2.06	50	67490	18.723	ug/l	99
4) Vinyl Chloride	2.18	62	69742	18.140	ug/l	100
5) Bromomethane	2.53	94	48334m	20.095	ug/l	
6) Chloroethane	2.68	64	43649	18.857	ug/l	97
7) Trichlorofluoromethane	3.01	101	93290	18.508	ug/l	100
8) Diethyl Ether	3.40	74	41565	18.399	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	59547	18.925	ug/l	97
10) Methyl Iodide	3.94	142	93913	20.415	ug/l	99
11) Tert butyl alcohol	4.82	59	75464	100.047	ug/l	98
12) 1,1-Dichloroethene	3.72	96	62095	19.100	ug/l	96
13) Acrolein	3.60	56	46533	86.157	ug/l	99
14) Allyl chloride	4.31	41	101549	18.221	ug/l	98
15) Acrylonitrile	4.99	53	169271	97.730	ug/l	99
16) Acetone	3.82	43	134775	77.665	ug/l	99
17) Carbon Disulfide	4.04	76	164681	17.829	ug/l	99
18) Methyl Acetate	4.33	43	71983	19.636	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	209609	19.332	ug/l	96
20) Methylene Chloride	4.54	84	72117	19.189	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	66364	19.001	ug/l	97
22) Diisopropyl ether	5.96	45	205445	18.953	ug/l	97
23) Vinyl Acetate	5.90	43	868679	93.467	ug/l	99
24) 1,1-Dichloroethane	5.84	63	119166	18.881	ug/l	99
25) 2-Butanone	6.84	43	223173	92.085	ug/l	99
26) 2,2-Dichloropropane	6.82	77	76767	14.054	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	78047	19.153	ug/l	97
28) Bromochloromethane	7.19	49	58310	19.405	ug/l	93
29) Tetrahydrofuran	7.22	42	149636	97.498	ug/l	98
30) Chloroform	7.37	83	121773	19.347	ug/l	99
31) Cyclohexane	7.65	56	116859	19.722	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	106789	19.013	ug/l	98
36) 1,1-Dichloropropene	7.79	75	89008	18.704	ug/l	99
37) Ethyl Acetate	6.93	43	90607	19.700	ug/l	100
38) Carbon Tetrachloride	7.77	117	96338	19.435	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	117993	20.023	ug/l	97
40) Benzene	8.04	78	283277	19.752	ug/l	100
41) Methacrylonitrile	7.18	41	42473	18.279	ug/l	95
42) 1,2-Dichloroethane	8.12	62	90627	19.338	ug/l	99
43) Isopropyl Acetate	8.17	43	149505	19.347	ug/l	100
44) Trichloroethene	8.83	130	84045	21.021	ug/l	99
45) 1,2-Dichloropropane	9.12	63	73943	19.789	ug/l	98
46) Dibromomethane	9.21	93	49330	20.130	ug/l	96
47) Bromodichloromethane	9.40	83	96870	19.278	ug/l	100
48) Methyl methacrylate	9.20	41	71703	20.133	ug/l	98
49) 1,4-Dioxane	9.20	88	30367	410.310	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	454935	99.681	ug/l	98
52) Toluene	10.16	92	181457	20.117	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	99533	18.557	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	109868	18.490	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	74811	20.703	ug/l	98
56) Ethyl methacrylate	10.43	69	110983	19.873	ug/l	99
57) 1,3-Dichloropropane	10.71	76	116328	19.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	208367	97.633	ug/l	98
59) 2-Hexanone	10.75	43	314630	97.178	ug/l	98
60) Dibromochloromethane	10.90	129	82378	19.569	ug/l	97
61) 1,2-Dibromoethane	11.00	107	75888	20.247	ug/l	97
64) Tetrachloroethene	10.63	164	86395	20.954	ug/l	99
65) Chlorobenzene	11.43	112	197524	20.184	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	76300	19.549	ug/l	99
67) Ethyl Benzene	11.51	91	348061	19.833	ug/l	99
68) m/p-Xylenes	11.62	106	268372	40.451	ug/l	98
69) o-Xylene	11.95	106	132786	20.173	ug/l	100
70) Styrene	11.96	104	219591	20.600	ug/l	100
71) Bromoform	12.13	173	66887	20.091	ug/l #	100
73) Isopropylbenzene	12.25	105	360245	20.972	ug/l	99
74) N-amyl acetate	12.07	43	123857	18.923	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	101206	19.331	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	86512m	20.483	ug/l	
77) Bromobenzene	12.53	156	321403	66.977	ug/l #	17
78) n-propylbenzene	12.59	91	380629	19.475	ug/l	98
79) 2-Chlorotoluene	12.67	91	222319	19.566	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	295251	20.413	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	28172	16.856	ug/l	98
82) 4-Chlorotoluene	12.77	91	213422	18.576	ug/l	99
83) tert-Butylbenzene	12.99	119	254848	20.086	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	289653	20.150	ug/l	99
85) sec-Butylbenzene	13.17	105	320481	19.741	ug/l	98
86) p-Isopropyltoluene	13.29	119	296219	18.968	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	146448	19.274	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	140157	19.401	ug/l	100
89) n-Butylbenzene	13.61	91	225728	18.864	ug/l	99
90) Hexachloroethane	13.87	117	55631	18.715	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	145383	19.178	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18327	18.393	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	79219	20.478	ug/l	99
94) Hexachlorobutadiene	15.01	225	57477	20.465	ug/l	99
95) Naphthalene	15.13	128	265046	25.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	84868	21.178	ug/l	98

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

