

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
 Data File : VN049558.D
 Acq On : 26 Jun 2018 17:40
 Operator : MD\SY
 Sample : VN0626MBS01
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Manual Integrations
 APPROVED

MMDadoda
 6/27/2018 5:29:46 PM

Quant Time: Jun 27 01:47:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1596680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2470309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2142448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1112260	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	1045668	49.38	ug/l	0.00
Spiked Amount						
			Recovery	=	98.76%	
35) Dibromofluoromethane	7.59	113	925506	46.31	ug/l	0.00
Spiked Amount						
			Recovery	=	92.62%	
50) Toluene-d8	10.09	98	3472811	45.64	ug/l	0.00
Spiked Amount						
			Recovery	=	91.28%	
62) 4-Bromofluorobenzene	12.40	95	1184235	47.06	ug/l	0.00
Spiked Amount						
			Recovery	=	94.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	275820	15.01	ug/l	98
3) Chloromethane	2.05	50	354343	14.93	ug/l	97
4) Vinyl Chloride	2.18	62	406369	16.11	ug/l	98
5) Bromomethane	2.56	94	209452	15.80	ug/l	99
6) Chloroethane	2.70	64	255967	17.02	ug/l	98
7) Trichlorofluoromethane	3.02	101	492013	15.64	ug/l	96
8) Diethyl Ether	3.41	74	206009	18.75	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.75	101	353897	17.73	ug/l	93
10) Methyl Iodide	3.95	142	427546	20.58	ug/l	91
11) Tert butyl alcohol	4.79	59	121453	97.71	ug/l	97
12) 1,1-Dichloroethene	3.73	96	322059	17.59	ug/l	91
13) Acrolein	3.60	56	117010	89.77	ug/l	97
14) Allyl chloride	4.32	41	454536	15.72	ug/l	88
15) Acrylonitrile	4.99	53	577582	92.93	ug/l	99
16) Acetone	3.82	43	489020	95.10	ug/l	92
17) Carbon Disulfide	4.05	76	857377	14.94	ug/l	100
18) Methyl Acetate	4.33	43	646302	41.22	ug/l	96
19) Methyl tert-butyl Ether	5.04	73	942863	20.20	ug/l	98
20) Methylene Chloride	4.54	84	387115	18.03	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	343032	17.70	ug/l	94
22) Diisopropyl ether	5.95	45	1129730	19.57	ug/l	99
23) Vinyl Acetate	5.90	43	3582611	95.20	ug/l	96
24) 1,1-Dichloroethane	5.85	63	680839	18.43	ug/l	98
25) 2-Butanone	6.84	43	631627	91.48	ug/l	97
26) 2,2-Dichloropropane	6.82	77	549425	18.41	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	407305	18.90	ug/l	92
28) Bromochloromethane	7.20	49	303163	18.51	ug/l #	80
29) Tetrahydrofuran	7.21	42	424517	95.52	ug/l	92
30) Chloroform	7.37	83	693969	18.87	ug/l	100
31) Cyclohexane	7.65	56	587988	18.66	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	589858	18.80	ug/l	98
36) 1,1-Dichloropropene	7.79	75	506750	17.90	ug/l	98
37) Ethyl Acetate	6.93	43	300034	19.49	ug/l	98
38) Carbon Tetrachloride	7.77	117	467156	15.94	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	539759	17.76	µg/l	94
40) Benzene	8.04	78	1550111	17.86	µg/l	97
41) Methacrylonitrile	7.17	41	136337	16.38	µg/l #	100
42) 1,2-Dichloroethane	8.12	62	490006	18.27	µg/l	96
43) Isopropyl Acetate	8.17	43	908942	30.91	µg/l #	89
44) Trichloroethene	8.83	130	496227	21.65	µg/l	92
45) 1,2-Dichloropropane	9.12	63	410144	18.05	µg/l	99
46) Dibromomethane	9.21	93	238598	18.11	µg/l	90
47) Bromodichloromethane	9.40	83	509617	17.60	µg/l	95
48) Methyl methacrylate	9.20	41	288427	20.83	µg/l	89
49) 1,4-Dioxane	9.20	88	71356	373.33	µg/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1479890	96.02	µg/l	94
52) Toluene	10.16	92	943994	18.53	µg/l	97
53) t-1,3-Dichloropropene	10.38	75	489237	17.66	µg/l	99
54) cis-1,3-Dichloropropene	9.84	75	582240	17.80	µg/l	92
55) 1,1,2-Trichloroethane	10.56	97	346802	18.26	µg/l	97
56) Ethyl methacrylate	10.43	69	419223	19.13	µg/l #	87
57) 1,3-Dichloropropane	10.71	76	580122	18.44	µg/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1071285	143.26	µg/l	93
59) 2-Hexanone	10.75	43	969430	97.56	µg/l	93
60) Dibromochloromethane	10.90	129	365891	17.26	µg/l	99
61) 1,2-Dibromoethane	11.01	107	337880	19.14	µg/l	99
64) Tetrachloroethene	10.63	164	551924	25.14	µg/l	98
65) Chlorobenzene	11.44	112	1030160	18.67	µg/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	375821	18.09	µg/l	99
67) Ethyl Benzene	11.51	91	1747749	19.09	µg/l	98
68) m/p-Xylenes	11.62	106	1347530	39.22	µg/l	96
69) o-Xylene	11.95	106	653645	19.75	µg/l	96
70) Styrene	11.97	104	1048456	20.08	µg/l	98
71) Bromoform	12.13	173	229110	17.04	µg/l #	99
73) Isopropylbenzene	12.25	105	1701531	17.42	µg/l	98
74) N-amyl acetate	12.07	43	468003	19.57	µg/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	395307	18.25	µg/l	100
76) 1,2,3-Trichloropropane	12.55	75	348589m	18.37	µg/l	
77) Bromobenzene	12.53	156	449986	17.44	µg/l	88
78) n-propylbenzene	12.59	91	1934298	18.04	µg/l	98
79) 2-Chlorotoluene	12.68	91	1186678	17.47	µg/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	1425333	18.57	µg/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	97617	16.26	µg/l	93
82) 4-Chlorotoluene	12.77	91	1188139	18.13	µg/l	96
83) tert-Butylbenzene	12.99	119	1206529	17.74	µg/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1478183	19.39	µg/l	98
85) sec-Butylbenzene	13.17	105	1609566	17.78	µg/l	99
86) p-Isopropyltoluene	13.29	119	1421378	18.80	µg/l	97
87) 1,3-Dichlorobenzene	13.28	146	781959	18.43	µg/l	99
88) 1,4-Dichlorobenzene	13.36	146	769755	18.30	µg/l	100
89) n-Butylbenzene	13.62	91	1127299	19.09	µg/l	96
90) Hexachloroethane	13.88	117	66690	3.07	µg/l	94
91) 1,2-Dichlorobenzene	13.65	146	775468	18.63	µg/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61602	18.12	µg/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	370294	22.31	ug/l	98
94) Hexachlorobutadiene	15.01	225	234970	17.54	ug/l	99
95) Naphthalene	15.14	128	823048	26.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	359683	21.41	ug/l	98

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

