

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055794.D
 Acq On : 24 May 2019 14:27
 Operator : JC/SP
 Sample : VN0524MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 10:35:54 AM

Quant Time: May 25 04:50:55 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	372559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	535420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203976	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	189610	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.59	113	171866	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
50) Toluene-d8	10.09	98	652685	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	220295	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	44326	17.678	ug/l	98
3) Chloromethane	2.06	50	65583	18.668	ug/l	99
4) Vinyl Chloride	2.18	62	69581	18.570	ug/l	98
5) Bromomethane	2.54	94	49000m	20.903	ug/l	
6) Chloroethane	2.69	64	44061	19.531	ug/l	99
7) Trichlorofluoromethane	3.01	101	92059	18.740	ug/l	98
8) Diethyl Ether	3.40	74	41841	19.003	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	57193	18.651	ug/l	99
10) Methyl Iodide	3.94	142	88895	19.828	ug/l	99
11) Tert butyl alcohol	4.81	59	70339	95.683	ug/l #	89
12) 1,1-Dichloroethene	3.72	96	60854	19.206	ug/l	95
13) Acrolein	3.60	56	42843	81.391	ug/l	93
14) Allyl chloride	4.31	41	102526	18.875	ug/l	98
15) Acrylonitrile	4.99	53	166686	98.745	ug/l	100
16) Acetone	3.82	43	144891	85.670	ug/l	100
17) Carbon Disulfide	4.04	76	161777	17.971	ug/l	99
18) Methyl Acetate	4.33	43	70905	19.860	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	206673	19.557	ug/l	97
20) Methylene Chloride	4.54	84	71004	19.385	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	66034	19.399	ug/l	98
22) Diisopropyl ether	5.96	45	203234	19.237	ug/l	98
23) Vinyl Acetate	5.90	43	863599	95.342	ug/l	100
24) 1,1-Dichloroethane	5.84	63	117616	19.121	ug/l	99
25) 2-Butanone	6.84	43	222574	94.231	ug/l	99
26) 2,2-Dichloropropane	6.82	77	92654	17.405	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	77988	19.637	ug/l	98
28) Bromochloromethane	7.19	49	59502	20.318	ug/l	97
29) Tetrahydrofuran	7.22	42	147446	98.574	ug/l	98
30) Chloroform	7.37	83	118832	19.372	ug/l	99
31) Cyclohexane	7.65	56	110785	19.184	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	104203	19.036	ug/l	100
36) 1,1-Dichloropropene	7.79	75	87287	18.707	ug/l	99
37) Ethyl Acetate	6.93	43	91459	20.281	ug/l	99
38) Carbon Tetrachloride	7.77	117	91784	18.885	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	106532	18.438	ug/l	100
40) Benzene	8.04	78	279293	19.861	ug/l	99
41) Methacrylonitrile	7.18	41	37823	16.601	ug/l	86
42) 1,2-Dichloroethane	8.12	62	90424	19.679	ug/l	100
43) Isopropyl Acetate	8.17	43	145359	19.184	ug/l #	92
44) Trichloroethene	8.83	130	78951	20.139	ug/l	98
45) 1,2-Dichloropropane	9.12	63	72034	19.661	ug/l	99
46) Dibromomethane	9.21	93	47238	19.660	ug/l	96
47) Bromodichloromethane	9.40	83	93165	18.909	ug/l	99
48) Methyl methacrylate	9.20	41	70051	20.060	ug/l	97
49) 1,4-Dioxane	9.20	88	29348	404.422	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	443015	98.998	ug/l	99
52) Toluene	10.16	92	179386	20.283	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	99514	18.922	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	113693	19.514	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	71536	20.190	ug/l	99
56) Ethyl methacrylate	10.43	69	109491	19.996	ug/l	99
57) 1,3-Dichloropropane	10.71	76	115456	20.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	196872	94.080	ug/l	99
59) 2-Hexanone	10.75	43	308230	97.093	ug/l	100
60) Dibromochloromethane	10.90	129	79666	19.301	ug/l	99
61) 1,2-Dibromoethane	11.00	107	74448	20.258	ug/l	98
64) Tetrachloroethene	10.63	164	81591	20.333	ug/l	99
65) Chlorobenzene	11.43	112	191843	20.142	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	73001	19.217	ug/l	99
67) Ethyl Benzene	11.51	91	343657	20.120	ug/l	99
68) m/p-Xylenes	11.62	106	277292	42.944	ug/l	99
69) o-Xylene	11.95	106	130121	20.311	ug/l	98
70) Styrene	11.96	104	207353	19.987	ug/l	100
71) Bromoform	12.13	173	60004	18.519	ug/l #	99
73) Isopropylbenzene	12.25	105	335434	21.603	ug/l	99
74) N-amyl acetate	12.07	43	115926	19.603	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	101193	21.672	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	89090m	23.710	ug/l	
77) Bromobenzene	12.53	156	120730	27.737	ug/l	66
78) n-propylbenzene	12.59	91	353285	19.928	ug/l	99
79) 2-Chlorotoluene	12.67	91	217484	21.313	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	281646	21.607	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	27033	17.832	ug/l	97
82) 4-Chlorotoluene	12.77	91	203005	19.480	ug/l	100
83) tert-Butylbenzene	12.99	119	241881	21.167	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	300375	23.389	ug/l	99
85) sec-Butylbenzene	13.17	105	304764	20.817	ug/l	100
86) p-Isopropyltoluene	13.29	119	275031	19.416	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	138042	20.029	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	128921	19.675	ug/l	100
89) n-Butylbenzene	13.61	91	206461	19.022	ug/l	98
90) Hexachloroethane	13.87	117	50763	18.827	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	137806	20.041	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16716	18.495	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	67361	19.425	ug/l	98
94) Hexachlorobutadiene	15.01	225	49837	19.479	ug/l	97
95) Naphthalene	15.13	128	208503	22.097	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	71897	19.780	ug/l	99

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

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