Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092317\
Data File : BM011720.D
Acq On : 24 Sep 2017 00:03
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 25 05:14:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 25 04:47:21 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02038

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	163725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	672251	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	362659	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	811172	20.00	ng/ul	0.00
78) Chrysene-d12	21.49	240	961939	20.00	ng/ul	0.00
86) Perylene-d12	23.85	264	990900	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	30768	8.45	ng/uL	0.00
5) Phenol-d5	7.10	99	293093	18.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	216611	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	233689	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	223453	18.21	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	107337	21.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	112455	21.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	213733	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	279122	23.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.98	166	610863	19.92	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	754576	20.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	105906	18.38	ng/ul	0.00
58) Fluorene-d10	15.57	176	525340	19.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	90786	19.23	ng/ul	0.00
71) Anthracene-d10	17.42	188	810838	20.30	ng/ul	0.00
79) Pyrene-d10	19.70	212	925905	20.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.70	264	949052	20.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	35081	8.793	ng/uL#	48
4) Benzaldehyde	7.09	77	180180	20.057	ng/ul	95
6) Phenol	7.13	94	298828	19.149	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.37	93	233288	18.989	ng/ul#	80
10) 2-Chlorophenol	7.51	128	228153	19.740	ng/ul#	87
11) 2-Methylphenol	8.38	108	213187	18.017	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.48	45	463586	23.280	ng/ul#	90
14) Acetophenone	8.77	105	350894	18.705	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.75	70	196983	19.568	ng/ul#	66
16) 4-Methylphenol	8.71	108	231731	17.899	ng/ul	100
17) Hexachloroethane	9.03	117	99554	22.532	ng/ul#	83
20) Nitrobenzene	9.15	77	284311	23.693	ng/ul	95
21) Isophorone	9.67	82	504522	20.882	ng/ul	97
23) 2-Nitrophenol	9.86	139	116257	20.857	ng/ul#	87
24) 2,4-Dimethylphenol	9.92	107	258971	21.714	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.15	93	302320	19.190	ng/ul	98
27) 2,4-Dichlorophenol	10.40	162	203700	19.784	ng/ul	98
28) Naphthalene	10.80	128	710969	20.395	ng/ul	98
30) 4-Chloroaniline	10.91	127	267615	23.899	ng/ul	99
31) Hexachlorobutadiene	11.08	225	139926	23.944	ng/ul	96
32) Caprolactam	11.69	113	58081	17.920	ng/ul#	25
33) 4-Chloro-3-methylphenol	12.02	107	219750	20.131	ng/ul	98
34) 2-Methylnaphthalene	12.41	142	489497	18.908	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	467777	18.972	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.77	216	249154	23.160	ng/ul#	96
38) Hexachlorocyclopentadiene	12.75	237	135228	22.426	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.02	196	159672	21.800	ng/ul	99
40) 2,4,5-Trichlorophenol	13.09	196	160966	21.674	ng/ul	94
41) 1,1'-Biphenyl	13.42	154	608026	20.148	ng/ul#	95
42) 2-Chloronaphthalene	13.46	162	466381	20.539	ng/ul	97
43) 2-Nitroaniline	13.66	65	170697	24.203	ng/ul#	75
45) Dimethylphthalate	14.03	163	587998	20.031	ng/ul#	99
46) 2,6-Dinitrotoluene	14.16	165	108910	21.008	ng/ul#	82
48) Acenaphthylene	14.30	152	760335	20.373	ng/ul	99
49) 3-Nitroaniline	14.49	138	115733	18.105	ng/ul	99
50) Acenaphthene	14.65	153	512047	20.306	ng/ul	100
51) 2,4-Dinitrophenol	14.69	184	57189	17.855	ng/ul#	53
53) 4-Nitrophenol	14.78	109	95768	25.861	ng/ul#	81
54) Dibenzofuran	14.98	168	713699	20.234	ng/ul	100
55) 2,4-Dinitrotoluene	14.94	165	155121	20.355	ng/ul#	56
56) 2,3,4,6-Tetrachlorophenol	15.20	232	146491	21.643	ng/ul#	84
57) Diethylphthalate	15.39	149	605493	19.821	ng/ul	95
59) Fluorene	15.63	166	589161	19.930	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.62	204	289027	20.867	ng/ul#	88
61) 4-Nitroaniline	15.64	138	129497m	18.912	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	94075	19.451	ng/ul#	90
65) N-Nitrosodiphenylamine	15.83	169	481107	19.471	ng/ul	98
66) 4-Bromophenyl-phenylether	16.51	248	170455	20.574	ng/ul#	92
67) Hexachlorobenzene	16.63	284	193381	21.204	ng/ul#	88
68) Atrazine	16.77	200	175151	20.459	ng/ul	95
69) Pentachlorophenol	16.97	266	113177	19.327	ng/ul	97
70) Phenanthrene	17.36	178	908232	20.087	ng/ul	99
72) Anthracene	17.46	178	951477	20.508	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	239621	22.168	ng/uL	97
74) Pentachlorobenzene	14.90	250	239580	21.854	ng/uL	97
75) Carbazole	17.72	167	830628	20.985	ng/ul	97
76) Di-n-butylphthalate	18.27	149	1051992	20.235	ng/ul	99
77) Fluoranthene	19.37	202	1076062	23.139	ng/ul#	91
80) Pyrene	19.73	202	1165161	20.761	ng/ul#	90
81) Butylbenzylphthalate	20.62	149	484551	18.774	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.40	252	358325	20.512	ng/ul#	97
83) Benzo(a)anthracene	21.47	228	1164210	21.981	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.38	149	746765	18.840	ng/ul#	94
85) Chrysene	21.52	228	1043249	21.727	ng/ul	100
87) Di-n-octyl phthalate	22.29	149	1315388	18.705	ng/ul	100
88) Benzo(b)fluoranthene	23.13	252	1182156	19.831	ng/ul#	97
89) Benzo(k)fluoranthene	23.18	252	1094153	19.112	ng/ul#	97
91) Benzo(a)pyrene	23.74	252	1141315	20.284	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.27	276	1379298	22.284	ng/ul#	88
93) Dibenzo(a,h)anthracene	26.28	278	1155922	22.025	ng/ul#	95
94) Benzo(g,h,i)perylene	27.02	276	1143754	22.818	ng/ul#	93

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

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