Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM022316\
Data File : BM004358.D
Acq On : 23 Feb 2016 20:10
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Manual Integrations APPROVED
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2/24/2016 4:31:09 PM

Quant Time: Feb 24 02:52:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 01:02:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	30282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	135300	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	80437	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	175967	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	153680	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	134600	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4743	8.26	ng/uL	0.00
5) Phenol-d5	6.81	99	46171m	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	24524	18.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	40770	18.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	40091	17.67	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	19513	18.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	22007	18.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	40049m	18.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	54079	20.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	129633	18.79	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	158286	19.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	17455	15.74	ng/ul	0.00
58) Fluorene-d10	15.28	176	112137	19.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	18975	17.55	ng/ul	0.00
71) Anthracene-d10	17.13	188	169893	19.70	ng/ul	0.00
79) Pyrene-d10	19.44	212	170000	22.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	135735	19.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	5586	8.44	ng/uL#	93
4) Benzaldehyde	6.77	77	29896m	21.76	ng/ul	
6) Phenol	6.84	94	49245	18.19	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	37722	18.82	ng/ul	97
10) 2-Chlorophenol	7.19	128	43405	19.07	ng/ul	97
11) 2-Methylphenol	8.08	108	39067	17.69	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	36435	18.93	ng/ul	97
14) Acetophenone	8.45	105	64999	18.28	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	30113	17.63	ng/ul	97
16) 4-Methylphenol	8.41	108	43587	18.00	ng/ul	99
17) Hexachloroethane	8.69	117	16670	19.27	ng/ul	93
20) Nitrobenzene	8.82	77	43732	19.44	ng/ul	97
21) Isophorone	9.34	82	86181	18.48	ng/ul	100
23) 2-Nitrophenol	9.53	139	25295	19.16	ng/ul	92
24) 2,4-Dimethylphenol	9.60	107	50415	19.12	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	53175	18.92	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	42842m	19.17	ng/ul	
28) Naphthalene	10.46	128	145708	19.31	ng/ul	100
30) 4-Chloroaniline	10.58	127	57156	20.53	ng/ul	99
31) Hexachlorobutadiene	10.74	225	28047	20.00	ng/ul	98
32) Caprolactam	11.34	113	12236m	15.73	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	46867	17.91	ng/ul	96
34) 2-Methylnaphthalene	12.08	142	106258	18.82	ng/ul	100

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35) 1-Methylnaphthalene	12.30	142	100496	18.72	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	53992	20.19	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	15111	15.15	ng/ul	100
39) 2,4,6-Trichlorophenol	12.72	196	32298	18.58	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	36089	19.13	ng/ul	96
41) 1,1'-Biphenyl	13.11	154	137965	19.96	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	104859	19.94	ng/ul	99
43) 2-Nitroaniline	13.37	65	24167	18.23	ng/ul	90
45) Dimethylphthalate	13.75	163	136966	19.04	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	27469	19.04	ng/ul	98
48) Acenaphthylene	14.00	152	172045	19.58	ng/ul	100
49) 3-Nitroaniline	14.21	138	27186	18.99	ng/ul	94
50) Acenaphthene	14.35	153	116725	19.45	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	8343	12.75	ng/ul	93
53) 4-Nitrophenol	14.54	109	13137	15.85	ng/ul	93
54) Dibenzofuran	14.69	168	164351	19.61	ng/ul	97
55) 2,4-Dinitrotoluene	14.67	165	40612	18.85	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.93	232	28048	17.95	ng/ul	95
57) Diethylphthalate	15.12	149	139417	18.73	ng/ul	99
59) Fluorene	15.34	166	134146	19.31	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	66145	19.41	ng/ul	95
61) 4-Nitroaniline	15.38	138	27863	18.06	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.44	198	20798	17.86	ng/ul	92
65) N-Nitrosodiphenylamine	15.55	169	114732	20.38	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	38703	20.19	ng/ul	95
67) Hexachlorobenzene	16.35	284	42605	19.99	ng/ul	95
68) Atrazine	16.50	200	40513	19.40	ng/ul	98
69) Pentachlorophenol	16.70	266	12326m	14.65	ng/ul	
70) Phenanthrene	17.08	178	208220	19.70	ng/ul	99
72) Anthracene	17.17	178	211282	19.68	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	50593	21.58	ng/uL	99
74) Pentachlorobenzene	14.61	250	50223	20.85	ng/uL	100
75) Carbazole	17.45	167	180524	19.29	ng/ul	99
76) Di-n-butylphthalate	18.00	149	227860	17.54	ng/ul	99
77) Fluoranthene	19.11	202	222619	18.59	ng/ul	99
80) Pyrene	19.47	202	231098	23.01	ng/ul	99
81) Butylbenzylphthalate	20.38	149	86639	19.60	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.17	252	59134	19.10	ng/ul	99
83) Benzo(a)anthracene	21.23	228	190284	19.25	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	123254	18.86	ng/ul	99
85) Chrysene	21.29	228	186427	19.60	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	199665	18.03	ng/ul#	97
88) Benzo(b)fluoranthene	22.80	252	175773	19.33	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	160795	18.76	ng/ul	99
91) Benzo(a)pyrene	23.37	252	162870	19.27	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.70	276	181466	22.96	ng/ul	100
93) Dibenzo(a,h)anthracene	25.71	278	152179	23.33	ng/ul	100
94) Benzo(g,h,i)perylene	26.39	276	157513	24.23	ng/ul	99

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

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