Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004846.D
Acq On : 01 Apr 2016 18:02
Operator : UM/SJ
Sample : SSTD04053
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04053

Manual Integrations APPROVED
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4/4/2016 6:45:14 PM

Quant Time: Apr 01 18:55:11 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 01 18:03:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	47449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	228886	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	141104	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.21	188	332011	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	381369	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	405777	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	18839	13.70	ng/uL	0.00
5) Phenol-d5	6.99	99	169662	43.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	91695	41.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	131757	41.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	142603	45.37	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	68359	42.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	77069	44.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	140816	41.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	180214	44.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	444527	40.30	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	541199	40.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	90816	42.59	ng/ul	0.01
58) Fluorene-d10	15.46	176	381419	39.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	83737	47.99	ng/ul	0.00
71) Anthracene-d10	17.31	188	602490	39.42	ng/ul	0.00
79) Pyrene-d10	19.60	212	674230	38.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	726806	40.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	22790	14.21	ng/uL	91
4) Benzaldehyde	6.97	77	94405m	43.67	ng/ul	
6) Phenol	7.02	94	178121	43.42	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	133356	41.77	ng/ul	95
10) 2-Chlorophenol	7.39	128	137454	41.48	ng/ul	96
11) 2-Methylphenol	8.26	108	140117	44.44	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	163687	42.85	ng/ul	93
14) Acetophenone	8.65	105	217873	44.44	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.63	70	109650	44.00	ng/ul	94
16) 4-Methylphenol	8.59	108	156370	45.04	ng/ul	97
17) Hexachloroethane	8.90	117	51948	39.47	ng/ul	99
20) Nitrobenzene	9.03	77	161110	41.02	ng/ul	100
21) Isophorone	9.55	82	317548	42.21	ng/ul	98
23) 2-Nitrophenol	9.73	139	83403	43.79	ng/ul	94
24) 2,4-Dimethylphenol	9.79	107	170373	40.84	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	193942	39.94	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	144906	41.71	ng/ul	99
28) Naphthalene	10.67	128	461558	38.67	ng/ul	100
30) 4-Chloroaniline	10.78	127	190962	45.03	ng/ul	98
31) Hexachlorobutadiene	10.95	225	84344	40.68	ng/ul	99
32) Caprolactam	11.55	113	52956m	45.51	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	165070	41.99	ng/ul	98
34) 2-Methylnaphthalene	12.28	142	343581	40.43	ng/ul	100

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35) 1-Methylnaphthalene	12.50	142	331962	40.65	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	174748	38.77	ng/ul	99
38) Hexachlorocyclopentadiene	12.63	237	106818	43.75	ng/ul	98
39) 2,4,6-Trichlorophenol	12.89	196	120722	40.55	ng/ul	100
40) 2,4,5-Trichlorophenol	12.96	196	132858	41.36	ng/ul	99
41) 1,1'-Biphenyl	13.30	154	457880	38.86	ng/ul	99
42) 2-Chloronaphthalene	13.34	162	346153	39.06	ng/ul	96
43) 2-Nitroaniline	13.54	65	107561	45.08	ng/ul	93
45) Dimethylphthalate	13.92	163	450046	40.19	ng/ul	99
46) 2,6-Dinitrotoluene	14.04	165	94861	47.59	ng/ul	97
48) Acenaphthylene	14.19	152	571962	39.36	ng/ul	100
49) 3-Nitroaniline	14.37	138	98142	45.57	ng/ul	95
50) Acenaphthene	14.53	153	376443	38.48	ng/ul	100
51) 2,4-Dinitrophenol	14.58	184	60518	53.34	ng/ul	96
53) 4-Nitrophenol	14.68	109	74556	43.12	ng/ul	93
54) Dibenzofuran	14.86	168	547619	39.32	ng/ul	96
55) 2,4-Dinitrotoluene	14.83	165	141369	47.02	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.09	232	117484	41.53	ng/ul	94
57) Diethylphthalate	15.29	149	461267	40.43	ng/ul	99
59) Fluorene	15.52	166	428338	38.52	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.51	204	207765	39.17	ng/ul	91
61) 4-Nitroaniline	15.54	138	107702	46.48	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	89425	47.18	ng/ul	99
65) N-Nitrosodiphenylamine	15.72	169	385187	38.31	ng/ul	98
66) 4-Bromophenyl-phenylether	16.40	248	133671	39.98	ng/ul	92
67) Hexachlorobenzene	16.52	284	150677	40.14	ng/ul	93
68) Atrazine	16.67	200	148053	41.67	ng/ul	98
69) Pentachlorophenol	16.86	266	96865	39.79	ng/ul	100
70) Phenanthrene	17.25	178	725735	38.26	ng/ul	100
72) Anthracene	17.34	178	733514	38.39	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	175901	38.51	ng/uL	99
74) Pentachlorobenzene	14.79	250	172877	39.21	ng/uL	100
75) Carbazole	17.62	167	680443	39.84	ng/ul	99
76) Di-n-butylphthalate	18.17	149	797736	32.94	ng/ul	99
77) Fluoranthene	19.27	202	852324	40.69	ng/ul	100
80) Pyrene	19.63	202	878478	38.01	ng/ul	99
81) Butylbenzylphthalate	20.53	149	386680	41.83	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.32	252	315085	53.50	ng/ul	99
83) Benzo(a)anthracene	21.38	228	869703	39.07	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	532148	40.49	ng/ul	97
85) Chrysene	21.44	228	824920	38.80	ng/ul	99
87) Di-n-octyl phthalate	22.20	149	1012373	41.74	ng/ul	99
88) Benzo(b)fluoranthene	23.00	252	942896	38.97	ng/ul	100
89) Benzo(k)fluoranthene	23.05	252	879416	38.22	ng/ul	99
91) Benzo(a)pyrene	23.60	252	900932	38.85	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.03	276	1074097	41.20	ng/ul	98
93) Dibenzo(a,h)anthracene	26.04	278	903274	41.86	ng/ul	98
94) Benzo(g,h,i)perylene	26.74	276	933728	42.28	ng/ul	97

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

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