Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021916\
Data File : BM004308.D
Acq On : 20 Feb 2016 05:55
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Manual Integrations APPROVED
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2/22/2016 4:07:19 PM

Quant Time: Feb 22 12:31:57 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 20 06:01:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	24898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	130095	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	87096	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	209510	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	245125	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	233149	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	3526	7.14	ng/uL	0.00
5) Phenol-d5	6.82	99	44000	22.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	22442	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	37361	21.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	40547	23.80	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	19497	19.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	22207	19.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	41032	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	57287	23.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	150079	20.71	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	179879	20.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	22977	19.60	ng/ul	0.00
58) Fluorene-d10	15.29	176	129371	21.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	23965	18.78	ng/ul	0.00
71) Anthracene-d10	17.14	188	208376	20.34	ng/ul	0.00
79) Pyrene-d10	19.45	212	238618	18.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	249598	20.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	3889	6.72	ng/uL#	94
4) Benzaldehyde	6.77	77	27012	23.43	ng/ul	95
6) Phenol	6.85	94	47459	22.28	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	35098	21.59	ng/ul	97
10) 2-Chlorophenol	7.20	128	38867	21.08	ng/ul	98
11) 2-Methylphenol	8.09	108	38323	22.83	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	34043	21.47	ng/ul	97
14) Acetophenone	8.45	105	65114	23.98	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.44	70	30943	23.63	ng/ul	95
16) 4-Methylphenol	8.42	108	44234	24.11	ng/ul	98
17) Hexachloroethane	8.69	117	14151	19.27	ng/ul	92
20) Nitrobenzene	8.83	77	43708	19.20	ng/ul	97
21) Isophorone	9.35	82	90073	20.66	ng/ul	98
23) 2-Nitrophenol	9.54	139	25843	20.57	ng/ul	95
24) 2,4-Dimethylphenol	9.61	107	51520	20.43	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	54210	20.16	ng/ul	100
27) 2,4-Dichlorophenol	10.08	162	43567	20.77	ng/ul	99
28) Naphthalene	10.47	128	144357	19.95	ng/ul	100
30) 4-Chloroaniline	10.59	127	58839	23.10	ng/ul	100
31) Hexachlorobutadiene	10.75	225	26282	18.61	ng/ul	99
32) Caprolactam	11.35	113	15131m	24.97	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	52636	22.63	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	111234	21.31	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	105772	21.43	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	56930	18.67	ng/ul	99
38) Hexachlorocyclopentadiene	12.44	237	17082	11.86	ng/ul	97
39) 2,4,6-Trichlorophenol	12.72	196	36728	19.05	ng/ul	100
40) 2,4,5-Trichlorophenol	12.80	196	40421	19.47	ng/ul	98
41) 1,1'-Biphenyl	13.12	154	148719	19.10	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	115101	19.44	ng/ul	99
43) 2-Nitroaniline	13.38	65	29717	20.58	ng/ul	96
45) Dimethylphthalate	13.75	163	157728	20.83	ng/ul	100
46) 2,6-Dinitrotoluene	13.88	165	32612	21.84	ng/ul	98
48) Acenaphthylene	14.01	152	192893	20.06	ng/ul	99
49) 3-Nitroaniline	14.22	138	34086	24.07	ng/ul	97
50) Acenaphthene	14.36	153	131012	20.11	ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	10321	14.31	ng/ul	96
53) 4-Nitrophenol	14.55	109	17060	18.19	ng/ul	93
54) Dibenzofuran	14.69	168	183605	20.39	ng/ul	98
55) 2,4-Dinitrotoluene	14.68	165	49018	22.83	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.93	232	33588	19.99	ng/ul	98
57) Diethylphthalate	15.12	149	163518	21.50	ng/ul	99
59) Fluorene	15.34	166	153555	21.17	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	75039	20.85	ng/ul	95
61) 4-Nitroaniline	15.39	138	36370	23.03	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.45	198	26121	18.80	ng/ul	95
65) N-Nitrosodiphenylamine	15.56	169	134759	19.06	ng/ul	98
66) 4-Bromophenyl-phenylether	16.23	248	45366	18.69	ng/ul	97
67) Hexachlorobenzene	16.36	284	50691	18.58	ng/ul	97
68) Atrazine	16.52	200	50834	20.84	ng/ul	98
69) Pentachlorophenol	16.71	266	15824	12.53	ng/ul	98
70) Phenanthrene	17.09	178	255224	20.14	ng/ul	99
72) Anthracene	17.18	178	262148	20.38	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	54167	16.63	ng/uL	99
74) Pentachlorobenzene	14.62	250	56564	17.67	ng/uL	98
75) Carbazole	17.46	167	233999	21.63	ng/ul	100
76) Di-n-butylphthalate	18.02	149	290289	20.73	ng/ul	99
77) Fluoranthene	19.12	202	305754	23.04	ng/ul	100
80) Pyrene	19.49	202	320872	18.10	ng/ul	99
81) Butylbenzylphthalate	20.39	149	137964	19.44	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.18	252	104700	21.17	ng/ul	99
83) Benzo(a)anthracene	21.24	228	314937	19.96	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	205782	19.82	ng/ul	99
85) Chrysene	21.30	228	305258	20.49	ng/ul	100
87) Di-n-octyl phthalate	22.04	149	371316	20.88	ng/ul	97
88) Benzo(b)fluoranthene	22.82	252	309449	20.06	ng/ul	100
89) Benzo(k)fluoranthene	22.86	252	304914	20.70	ng/ul	99
91) Benzo(a)pyrene	23.39	252	298633	20.36	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.73	276	296722	17.86	ng/ul	100
93) Dibenzo(a,h)anthracene	25.73	278	246576	17.68	ng/ul	99
94) Benzo(g,h,i)perylene	26.42	276	244579	17.43	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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