Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012465.D
Acq On : 26 Oct 2017 05:02
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02060

Quant Time: Oct 26 06:14:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	559017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2318594	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1421821	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3022075	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2351968	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2494962	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	82952	7.58	ng/uL	0.00
5) Phenol-d5	7.05	99	848564	18.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	517814	18.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	680178	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	718473	18.00	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	327546	22.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	372360	24.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	773143	19.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	861667	20.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2211241	17.80	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2765654	18.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	331578	17.96	ng/ul	0.00
57) Fluorene-d10	15.50	176	1854159	17.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	259440	17.74	ng/ul	0.00
70) Anthracene-d10	17.35	188	2694080	18.71	ng/ul	0.00
76) Pyrene-d10	19.63	212	2416028	22.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2186342	18.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	88984	7.614	ng/uL#	65
4) Benzaldehyde	7.02	77	592271	23.324	ng/ul	93
6) Phenol	7.07	94	882322	18.146	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.30	93	668972	18.709	ng/ul	99
10) 2-Chlorophenol	7.45	128	685561	19.153	ng/ul	96
11) 2-Methylphenol	8.32	108	659348	17.985	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.42	45	735398	18.718	ng/ul#	82
14) Acetophenone	8.70	105	1114745	17.776	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.69	70	606423	17.720	ng/ul#	66
16) 4-Methylphenol	8.65	108	719460	17.930	ng/ul	92
17) Hexachloroethane	8.96	117	286518	18.889	ng/ul	84
20) Nitrobenzene	9.07	77	870968	20.822	ng/ul	97
21) Isophorone	9.60	82	1590011	17.961	ng/ul	95
23) 2-Nitrophenol	9.79	139	399514	24.035	ng/ul#	82
24) 2,4-Dimethylphenol	9.85	107	861010	18.412	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.08	93	919731	18.488	ng/ul	96
27) 2,4-Dichlorophenol	10.32	162	742192	19.198	ng/ul#	89
28) Naphthalene	10.72	128	2156448	18.758	ng/ul	100
30) 4-Chloroaniline	10.83	127	865536	20.569	ng/ul	94
31) Hexachlorobutadiene	11.01	225	560925	18.912	ng/ul	94
32) Caprolactam	11.60	113	221478	17.689	ng/ul#	49
33) 4-Chloro-3-methylphenol	11.96	107	783787	18.045	ng/ul	98
34) 2-Methylnaphthalene	12.33	142	1660634	17.788	ng/ul	97

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Instrument : BNA_M
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	995682	19.775 ng/ul	98
37) Hexachlorocyclopentadiene	12.68	237	391609	12.044 ng/ul	97
38) 2,4,6-Trichlorophenol	12.94	196	641064	21.263 ng/ul	94
39) 2,4,5-Trichlorophenol	13.02	196	666869	20.867 ng/ul	98
40) 1,1'-Biphenyl	13.35	154	2189564	19.303 ng/ul	99
41) 2-Chloronaphthalene	13.39	162	1735815	19.508 ng/ul	99
42) 2-Nitroaniline	13.59	65	507843	24.541 ng/ul	93
44) Dimethylphthalate	13.97	163	2186971	17.800 ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	445319	22.808 ng/ul	96
47) Acenaphthylene	14.23	152	2633379	18.780 ng/ul	99
48) 3-Nitroaniline	14.41	138	413638	22.609 ng/ul	93
49) Acenaphthene	14.57	153	1797553	18.715 ng/ul	100
50) 2,4-Dinitrophenol	14.62	184	158982	14.506 ng/ul	95
52) 4-Nitrophenol	14.72	109	326709	17.439 ng/ul	85
53) Dibenzofuran	14.91	168	2584365	18.183 ng/ul	98
54) 2,4-Dinitrotoluene	14.87	165	617260	21.108 ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.13	232	586933	19.844 ng/ul	92
56) Diethylphthalate	15.33	149	2186393	17.456 ng/ul	96
58) Fluorene	15.56	166	2125657	17.682 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.55	204	1161502	17.758 ng/ul	99
60) 4-Nitroaniline	15.57	138	442189	19.281 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.63	198	280619	17.445 ng/ul	91
64) N-Nitrosodiphenylamine	15.76	169	1815588	20.673 ng/ul	99
65) 4-Bromophenyl-phenylether	16.44	248	735367	20.312 ng/ul	97
66) Hexachlorobenzene	16.56	284	781212	19.508 ng/ul	96
67) Atrazine	16.72	200	724059	19.172 ng/ul	95
68) Pentachlorophenol	16.90	266	407864	18.623 ng/ul	98
69) Phenanthrene	17.29	178	3054454	18.690 ng/ul	100
71) Anthracene	17.39	178	3158145	18.697 ng/ul	98
72) Carbazole	17.65	167	2567799	18.352 ng/ul	100
73) Di-n-butylphthalate	18.22	149	3401241	19.062 ng/ul	98
74) Fluoranthene	19.30	202	3145574	16.986 ng/ul#	95
77) Pyrene	19.66	202	3111801	23.266 ng/ul#	93
78) Butylbenzylphthalate	20.56	149	1226097	23.268 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.34	252	908389	17.599 ng/ul	96
80) Benzo(a)anthracene	21.40	228	2749403	19.521 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.34	149	1754575	21.885 ng/ul	99
82) Chrysene	21.46	228	2413344	19.272 ng/ul	99
84) Di-n-octyl phthalate	22.23	149	2725701	21.062 ng/ul	100
85) Benzo(b)fluoranthene	23.03	252	2843809	18.439 ng/ul#	98
86) Benzo(k)fluoranthene	23.08	252	2644055	18.215 ng/ul#	98
88) Benzo(a)pyrene	23.63	252	2739277	18.628 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.08	276	3433652	19.840 ng/ul#	97
90) Dibenzo(a,h)anthracene	26.09	278	2900683	19.770 ng/ul#	96
91) Benzo(g,h,i)perylene	26.80	276	2832270	20.193 ng/ul#	97

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

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