Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004827.D
Acq On : 29 Mar 2016 19:11
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02048

Quant Time: Mar 30 02:33:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 30 02:30:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	59982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	284050	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	174742	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.21	188	411997	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	500675	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	501095	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	12013	6.91	ng/uL	0.00
5) Phenol-d5	6.99	99	108027	21.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	61359	21.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	83300	20.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	89822	22.61	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	41499	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	45507	21.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	88456	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	124686	24.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	283489	20.75	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	346525	20.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	54473	20.63	ng/ul	0.00
58) Fluorene-d10	15.46	176	246965	20.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	45005	20.79	ng/ul	0.00
71) Anthracene-d10	17.30	188	389899	20.56	ng/ul	0.00
79) Pyrene-d10	19.60	212	452274	19.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	463364	20.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	14776	7.29	ng/uL	92
4) Benzaldehyde	6.97	77	61605	22.54	ng/ul	99
6) Phenol	7.02	94	115873	22.34	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.25	93	88573	21.95	ng/ul	96
10) 2-Chlorophenol	7.39	128	88092	21.03	ng/ul	96
11) 2-Methylphenol	8.26	108	88035	22.09	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.36	45	108654	22.50	ng/ul#	92
14) Acetophenone	8.65	105	143017	23.07	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.63	70	71232	22.61	ng/ul	94
16) 4-Methylphenol	8.59	108	99868	22.76	ng/ul	98
17) Hexachloroethane	8.90	117	32953	19.81	ng/ul	96
20) Nitrobenzene	9.02	77	101637	20.85	ng/ul	96
21) Isophorone	9.55	82	200587	21.49	ng/ul	99
23) 2-Nitrophenol	9.73	139	50624	21.42	ng/ul	93
24) 2,4-Dimethylphenol	9.79	107	108726	21.00	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.03	93	124905	20.73	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	90679	21.03	ng/ul	99
28) Naphthalene	10.67	128	297480	20.09	ng/ul	100
30) 4-Chloroaniline	10.77	127	129966	24.69	ng/ul	100
31) Hexachlorobutadiene	10.95	225	52065	20.23	ng/ul	99
32) Caprolactam	11.53	113	31940	22.12	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.90	107	104773	21.47	ng/ul	99
34) 2-Methylnaphthalene	12.28	142	222260	21.08	ng/ul	98

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35) 1-Methylnaphthalene	12.50	142	217622	21.47	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	110640	19.82	ng/ul	99
38) Hexachlorocyclopentadiene	12.63	237	54768	18.11	ng/ul	100
39) 2,4,6-Trichlorophenol	12.89	196	72298	19.61	ng/ul	99
40) 2,4,5-Trichlorophenol	12.96	196	80718	20.29	ng/ul	100
41) 1,1'-Biphenyl	13.29	154	295504	20.25	ng/ul	99
42) 2-Chloronaphthalene	13.33	162	220416	20.08	ng/ul	98
43) 2-Nitroaniline	13.54	65	64272	21.75	ng/ul	91
45) Dimethylphthalate	13.92	163	288477	20.80	ng/ul	99
46) 2,6-Dinitrotoluene	14.04	165	56809	23.01	ng/ul	94
48) Acenaphthylene	14.19	152	369867	20.55	ng/ul	100
49) 3-Nitroaniline	14.37	138	63714	23.89	ng/ul	98
50) Acenaphthene	14.53	153	244552	20.19	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	28862	20.54	ng/ul	95
53) 4-Nitrophenol	14.67	109	44090	20.59	ng/ul	91
54) Dibenzofuran	14.86	168	353981	20.53	ng/ul	95
55) 2,4-Dinitrotoluene	14.83	165	84297	22.64	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.09	232	71798	20.49	ng/ul	97
57) Diethylphthalate	15.29	149	290848	20.59	ng/ul	99
59) Fluorene	15.51	166	281046	20.41	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.50	204	136033	20.71	ng/ul	93
61) 4-Nitroaniline	15.53	138	67109	23.39	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.59	198	50102	21.30	ng/ul	98
65) N-Nitrosodiphenylamine	15.72	169	249664	20.01	ng/ul	99
66) 4-Bromophenyl-phenylether	16.40	248	83344	20.09	ng/ul	95
67) Hexachlorobenzene	16.52	284	94414	20.27	ng/ul	94
68) Atrazine	16.67	200	91475	20.75	ng/ul	98
69) Pentachlorophenol	16.86	266	58045	19.22	ng/ul	99
70) Phenanthrene	17.25	178	477450	20.28	ng/ul	100
72) Anthracene	17.34	178	480616	20.27	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	109820	19.37	ng/uL	97
74) Pentachlorobenzene	14.78	250	109035	19.93	ng/uL	100
75) Carbazole	17.61	167	445948	21.04	ng/ul	99
76) Di-n-butylphthalate	18.17	149	511813	17.03	ng/ul	100
77) Fluoranthene	19.27	202	562148	21.62	ng/ul	99
80) Pyrene	19.63	202	598408	19.72	ng/ul	99
81) Butylbenzylphthalate	20.53	149	248440	20.47	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.32	252	198911	25.73	ng/ul	100
83) Benzo(a)anthracene	21.39	228	596439	20.41	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.31	149	369388	21.41	ng/ul	98
85) Chrysene	21.44	228	564859	20.24	ng/ul	99
87) Di-n-octyl phthalate	22.20	149	682799	22.80	ng/ul	97
88) Benzo(b)fluoranthene	23.00	252	621599	20.80	ng/ul	100
89) Benzo(k)fluoranthene	23.05	252	582096	20.49	ng/ul	99
91) Benzo(a)pyrene	23.60	252	583464	20.37	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.02	276	584970	18.17	ng/ul	98
93) Dibenzo(a,h)anthracene	26.04	278	495466	18.60	ng/ul	100
94) Benzo(g,h,i)perylene	26.73	276	476109	17.46	ng/ul	99

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

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