Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004845.D
Acq On : 01 Apr 2016 17:25
Operator : UM/SJ
Sample : SSTD02052
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02052

Quant Time: Apr 01 18:06:21 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	42008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	201739	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	125511	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.21	188	300633	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	365568	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	387412	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	8711	7.16	ng/uL	0.00
5) Phenol-d5	6.99	99	74399	21.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	41823	21.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	57715	20.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	62284	22.38	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	29377	20.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	32538	21.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	61502	20.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	85107	23.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	202741	20.66	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	244376	20.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	39243	20.69	ng/ul	0.00
58) Fluorene-d10	15.46	176	174918	20.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	35010	22.16	ng/ul	0.00
71) Anthracene-d10	17.30	188	275435	19.90	ng/ul	0.00
79) Pyrene-d10	19.60	212	321139	19.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	349089	20.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	10364	7.30	ng/uL	90
4) Benzaldehyde	6.97	77	43102	22.52	ng/ul	98
6) Phenol	7.02	94	78346	21.57	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.25	93	60027	21.24	ng/ul	94
10) 2-Chlorophenol	7.39	128	60821	20.73	ng/ul	97
11) 2-Methylphenol	8.26	108	61115	21.89	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.36	45	73431	21.71	ng/ul	94
14) Acetophenone	8.65	105	98515	22.70	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.63	70	49726	22.54	ng/ul	93
16) 4-Methylphenol	8.59	108	68543	22.30	ng/ul	96
17) Hexachloroethane	8.90	117	23328	20.02	ng/ul	97
20) Nitrobenzene	9.02	77	70150	20.26	ng/ul	99
21) Isophorone	9.55	82	141351	21.32	ng/ul	99
23) 2-Nitrophenol	9.73	139	35779	21.31	ng/ul	98
24) 2,4-Dimethylphenol	9.79	107	76005	20.67	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	86404	20.19	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	63146	20.62	ng/ul	97
28) Naphthalene	10.67	128	206226	19.61	ng/ul	100
30) 4-Chloroaniline	10.77	127	89048	23.82	ng/ul	97
31) Hexachlorobutadiene	10.95	225	37761	20.66	ng/ul	97
32) Caprolactam	11.53	113	22743	22.17	ng/ul	85
33) 4-Chloro-3-methylphenol	11.90	107	73509	21.21	ng/ul	100
34) 2-Methylnaphthalene	12.28	142	156302	20.87	ng/ul	98

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35) 1-Methylnaphthalene	12.50	142	150736	20.94	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	79690	19.87	ng/ul	98
38) Hexachlorocyclopentadiene	12.63	237	45355	20.88	ng/ul	99
39) 2,4,6-Trichlorophenol	12.89	196	52808	19.94	ng/ul	100
40) 2,4,5-Trichlorophenol	12.96	196	57745	20.21	ng/ul	99
41) 1,1'-Biphenyl	13.29	154	209184	19.96	ng/ul	98
42) 2-Chloronaphthalene	13.33	162	156792	19.89	ng/ul	98
43) 2-Nitroaniline	13.54	65	45313	21.35	ng/ul	92
45) Dimethylphthalate	13.92	163	206335	20.72	ng/ul	100
46) 2,6-Dinitrotoluene	14.04	165	40165	22.65	ng/ul	93
48) Acenaphthylene	14.19	152	261136	20.20	ng/ul	99
49) 3-Nitroaniline	14.37	138	43162	22.53	ng/ul	96
50) Acenaphthene	14.53	153	173455	19.93	ng/ul	100
51) 2,4-Dinitrophenol	14.57	184	23476	23.26	ng/ul	94
53) 4-Nitrophenol	14.67	109	32422	21.08	ng/ul	95
54) Dibenzofuran	14.86	168	251412	20.30	ng/ul	95
55) 2,4-Dinitrotoluene	14.83	165	61121	22.85	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.09	232	52186	20.74	ng/ul	97
57) Diethylphthalate	15.28	149	210310	20.72	ng/ul	99
59) Fluorene	15.51	166	205478	20.77	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.50	204	99348	21.06	ng/ul	93
61) 4-Nitroaniline	15.53	138	46655	22.64	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.59	198	38303	22.32	ng/ul#	97
65) N-Nitrosodiphenylamine	15.72	169	178083	19.56	ng/ul	100
66) 4-Bromophenyl-phenylether	16.40	248	61326	20.26	ng/ul	93
67) Hexachlorobenzene	16.52	284	69710	20.51	ng/ul	93
68) Atrazine	16.67	200	67152	20.87	ng/ul	98
69) Pentachlorophenol	16.86	266	41500	18.83	ng/ul	99
70) Phenanthrene	17.25	178	339355	19.76	ng/ul	99
72) Anthracene	17.34	178	345370	19.96	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	78573	19.00	ng/uL	100
74) Pentachlorobenzene	14.78	250	78814	19.74	ng/uL	99
75) Carbazole	17.61	167	317323	20.52	ng/ul	99
76) Di-n-butylphthalate	18.17	149	369122	16.83	ng/ul	100
77) Fluoranthene	19.27	202	403843	21.29	ng/ul	100
80) Pyrene	19.63	202	427332	19.29	ng/ul	99
81) Butylbenzylphthalate	20.53	149	184403	20.81	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.32	252	160695	28.47	ng/ul	98
83) Benzo(a)anthracene	21.38	228	429437	20.13	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	266151	21.13	ng/ul	99
85) Chrysene	21.43	228	405972	19.92	ng/ul	100
87) Di-n-octyl phthalate	22.20	149	486843	21.02	ng/ul	97
88) Benzo(b)fluoranthene	23.00	252	444337	19.23	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	441231	20.09	ng/ul	100
91) Benzo(a)pyrene	23.59	252	441150	19.93	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.02	276	525569	21.12	ng/ul	97
93) Dibenzo(a,h)anthracene	26.03	278	439699	21.35	ng/ul	98
94) Benzo(g,h,i)perylene	26.74	276	449085	21.30	ng/ul	98

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

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