Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM080315\
Data File : BM002209.D
Acq On : 03 Aug 2015 22:15
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02095

Quant Time: Aug 04 02:39:17 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	81023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	326058	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	185088	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	364775	20.00	ng/ul	0.01
78) Chrysene-d12	21.17	240	358112	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	383272	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	10254	6.55	ng/uL	0.00
5) Phenol-d5	6.73	99	110407	19.06	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	56420	17.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	95780	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	90449	19.64	ng/ul	0.01
19) Nitrobenzene-d5	8.70	128	44741	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	50497	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	99310	20.02	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	116204	21.32	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	255503	18.85	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	321551	18.97	ng/ul	0.01
52) 4-Nitrophenol-d4	14.46	143	32582	14.40	ng/ul	0.02
58) Fluorene-d10	15.21	176	221993	18.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	12356	5.54	ng/ul	0.02
71) Anthracene-d10	17.06	188	304589	18.71	ng/ul	0.00
79) Pyrene-d10	19.37	212	286845	19.03	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.22	264	350803	18.88	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	10785	6.45	ng/uL	97
4) Benzaldehyde	6.68	77	61345	19.95	ng/ul	99
6) Phenol	6.76	94	112997	19.08	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.97	93	80097	17.98	ng/ul	97
10) 2-Chlorophenol	7.10	128	96116	19.53	ng/ul	97
11) 2-Methylphenol	8.00	108	87738	19.56	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.07	45	77386	16.96	ng/ul	96
14) Acetophenone	8.36	105	140362	19.25	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.35	70	67171	19.01	ng/ul	98
16) 4-Methylphenol	8.33	108	94685	19.65	ng/ul	98
17) Hexachloroethane	8.59	117	31772	15.78	ng/ul	98
20) Nitrobenzene	8.74	77	100234	18.43	ng/ul	97
21) Isophorone	9.26	82	177600	18.31	ng/ul	99
23) 2-Nitrophenol	9.45	139	53609	19.05	ng/ul	95
24) 2,4-Dimethylphenol	9.52	107	104782	18.96	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.75	93	105461	17.86	ng/ul	97
27) 2,4-Dichlorophenol	9.99	162	94239	19.60	ng/ul	94
28) Naphthalene	10.37	128	288738	18.64	ng/ul	99
30) 4-Chloroaniline	10.50	127	121010	21.34	ng/ul	99
31) Hexachlorobutadiene	10.65	225	70296	19.55	ng/ul	95
32) Caprolactam	11.27	113	26000	19.32	ng/ul	92
33) 4-Chloro-3-methylphenol	11.65	107	92289	19.34	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	214167	19.00	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	203402	18.77	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	126380	19.63	ng/ul	99
38) Hexachlorocyclopentadiene	12.35	237	6496	1.77	ng/ul	97
39) 2,4,6-Trichlorophenol	12.64	196	76994	20.38	ng/ul	99
40) 2,4,5-Trichlorophenol	12.72	196	81446	19.95	ng/ul	99
41) 1,1'-Biphenyl	13.03	154	272974	19.14	ng/ul	98
42) 2-Chloronaphthalene	13.07	162	212127	19.13	ng/ul	98
43) 2-Nitroaniline	13.30	65	53562	19.38	ng/ul	98
45) Dimethylphthalate	13.67	163	250731	18.52	ng/ul	100
46) 2,6-Dinitrotoluene	13.81	165	52353	19.01	ng/ul	96
48) Acenaphthylene	13.93	152	331229	18.94	ng/ul	99
49) 3-Nitroaniline	14.13	138	53282	21.75	ng/ul	93
50) Acenaphthene	14.27	153	212680	18.55	ng/ul	98
51) 2,4-Dinitrophenol	14.37	184	3171	1.96	ng/ul#	85
53) 4-Nitrophenol	14.48	109	29071	15.43	ng/ul	93
54) Dibenzofuran	14.62	168	309950	18.85	ng/ul	99
55) 2,4-Dinitrotoluene	14.61	165	72635	18.36	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	14.86	232	59717	17.40	ng/ul	97
57) Diethylphthalate	15.04	149	242597	18.17	ng/ul	99
59) Fluorene	15.27	166	250791	18.45	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.26	204	138144	19.00	ng/ul	99
61) 4-Nitroaniline	15.31	138	50191	19.21	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.39	198	13319	5.69	ng/ul	99
65) N-Nitrosodiphenylamine	15.48	169	214844	20.60	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	80750	20.81	ng/ul	99
67) Hexachlorobenzene	16.27	284	83695	19.71	ng/ul	98
68) Atrazine	16.44	200	78568	19.53	ng/ul	98
69) Pentachlorophenol	16.63	266	24792	11.38	ng/ul	97
70) Phenanthrene	17.01	178	352240	18.64	ng/ul	99
72) Anthracene	17.10	178	356652	18.46	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	120731	21.81	ng/uL	98
74) Pentachlorobenzene	14.54	250	109415	21.18	ng/uL	96
75) Carbazole	17.38	167	293234	17.77	ng/ul	99
76) Di-n-butylphthalate	17.93	149	372781	18.95	ng/ul	99
77) Fluoranthene	19.04	202	361738	16.58	ng/ul	97
80) Pyrene	19.40	202	365612	18.76	ng/ul	98
81) Butylbenzylphthalate	20.30	149	144108	19.36	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.09	252	121890	19.22	ng/ul	98
83) Benzo(a)anthracene	21.16	228	375173	18.90	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	214966	18.87	ng/ul	98
85) Chrysene	21.21	228	350529	18.87	ng/ul	98
87) Di-n-octyl phthalate	21.94	149	361503	16.43	ng/ul	100
88) Benzo(b)fluoranthene	22.71	252	395354	18.36	ng/ul	100
89) Benzo(k)fluoranthene	22.75	252	381904	18.38	ng/ul	99
91) Benzo(a)pyrene	23.27	252	387583	18.64	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	459708	19.19	ng/ul	97
93) Dibenzo(a,h)anthracene	25.57	278	389736	19.01	ng/ul	98
94) Benzo(g,h,i)perylene	26.24	276	382778	19.06	ng/ul	97

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

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