Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005612.D
Acq On : 23 May 2016 09:06
Operator : UM/SJ
Sample : SSTDCCC020EC

Instrument : BNA_M
ClientSampleId : SSTD02063

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 23 09:44:09 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	34999	20.00	ng/ul	0.01
18) Naphthalene-d8	10.62	136	169283	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	115532	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.20	188	287805	20.00	ng/ul	0.02
75) Chrysene-d12	21.39	240	382083	20.00	ng/ul	0.02
83) Perylene-d12	23.69	264	479415	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	7976	9.98	ng/uL	0.00
5) Phenol-d5	7.00	99	63300	22.07	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.15	67	34692	20.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	49691	20.76	ng/ul	0.01
13) 4-Methylphenol-d8	8.54	113	55059	23.42	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	25658	19.82	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	34642	24.31	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	60677	22.61	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	65187	24.26	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	196264	20.81	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	232285	19.70	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	40405	22.65	ng/ul	0.04
57) Fluorene-d10	15.45	176	166845	20.33	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	8135	4.91	ng/ul	0.03
70) Anthracene-d10	17.30	188	274472	20.02	ng/ul	0.02
76) Pyrene-d10	19.60	212	436279	25.21	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.54	264	432454	19.32	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	13969	9.91	ng/uL	99
4) Benzaldehyde	6.96	77	27959	15.02	ng/ul	97
6) Phenol	7.03	94	65654	22.22	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.25	93	46056	20.63	ng/ul	97
10) 2-Chlorophenol	7.39	128	50485	21.02	ng/ul	97
11) 2-Methylphenol	8.27	108	50807	22.68	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	60731	20.37	ng/ul	99
14) Acetophenone	8.64	105	84668	23.92	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	44417	23.76	ng/ul	99
16) 4-Methylphenol	8.60	108	58603	24.10	ng/ul	99
17) Hexachloroethane	8.90	117	18938	19.71	ng/ul	96
20) Nitrobenzene	9.02	77	62167	19.83	ng/ul	99
21) Isophorone	9.55	82	128035	21.84	ng/ul	97
23) 2-Nitrophenol	9.73	139	36315	23.70	ng/ul	95
24) 2,4-Dimethylphenol	9.80	107	68937	21.77	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.02	93	70496	20.41	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	59099	22.34	ng/ul	95
28) Naphthalene	10.66	128	167830	19.74	ng/ul	99
30) 4-Chloroaniline	10.77	127	66837	24.28	ng/ul	96
31) Hexachlorobutadiene	10.94	225	35079	19.84	ng/ul	99
32) Caprolactam	11.56	113	25667	29.07	ng/ul	92
33) 4-Chloro-3-methylphenol	11.92	107	70083	24.18	ng/ul	97
34) 2-Methylnaphthalene	12.28	142	130805	21.02	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	72896	18.47	ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	24711	9.97	ng/ul	96
38) 2,4,6-Trichlorophenol	12.90	196	59507	23.13	ng/ul	94
39) 2,4,5-Trichlorophenol	12.98	196	64260	22.69	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	181288	18.69	ng/ul	99
41) 2-Chloronaphthalene	13.33	162	138030	18.47	ng/ul	100
42) 2-Nitroaniline	13.54	65	48269	21.46	ng/ul	97
44) Dimethylphthalate	13.92	163	191560	20.56	ng/ul	100
45) 2,6-Dinitrotoluene	14.04	165	40251	21.36	ng/ul	98
47) Acenaphthylene	14.19	152	234189	19.55	ng/ul	99
48) 3-Nitroaniline	14.37	138	41352	23.69	ng/ul	98
49) Acenaphthene	14.53	153	155314	19.66	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	1299	1.23	ng/ul#	82
52) 4-Nitrophenol	14.70	109	41586	23.20	ng/ul	93
53) Dibenzofuran	14.86	168	223576	19.82	ng/ul	98
54) 2,4-Dinitrotoluene	14.83	165	59647	21.69	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.10	232	61013	24.65	ng/ul	97
56) Diethylphthalate	15.28	149	206076	21.68	ng/ul	99
58) Fluorene	15.51	166	189543	21.00	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.50	204	92482	20.50	ng/ul	95
60) 4-Nitroaniline	15.53	138	46202	21.70	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.60	198	8117	4.67	ng/ul#	96
64) N-Nitrosodiphenylamine	15.72	169	168430	19.29	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	62689	19.55	ng/ul	97
66) Hexachlorobenzene	16.52	284	72222	19.77	ng/ul	99
67) Atrazine	16.67	200	71209	21.79	ng/ul	99
68) Pentachlorophenol	16.87	266	25300	11.54	ng/ul	96
69) Phenanthrene	17.24	178	316301	19.66	ng/ul	99
71) Anthracene	17.34	178	328699	20.05	ng/ul	99
72) Carbazole	17.61	167	310969	21.86	ng/ul	99
73) Di-n-butylphthalate	18.16	149	381364	22.09	ng/ul	100
74) Fluoranthene	19.26	202	535044	29.55	ng/ul	97
77) Pyrene	19.63	202	547699	24.94	ng/ul	99
78) Butylbenzylphthalate	20.52	149	186305	20.12	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.30	252	135632	19.58	ng/ul	98
80) Benzo(a)anthracene	21.37	228	437695	19.49	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	262117	20.05	ng/ul	99
82) Chrysene	21.43	228	413374	19.35	ng/ul	99
84) Di-n-octyl phthalate	22.18	149	513188	18.66	ng/ul#	82
85) Benzo(b)fluoranthene	22.99	252	512978	18.14	ng/ul	100
86) Benzo(k)fluoranthene	23.03	252	501069	18.72	ng/ul	98
88) Benzo(a)pyrene	23.58	252	523378	19.08	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.02	276	702001	21.55	ng/ul	97
90) Dibenzo(a,h)anthracene	26.03	278	590469	21.76	ng/ul	99
91) Benzo(g,h,i)perylene	26.73	276	593719	21.68	ng/ul	96

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

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