Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005583.D
Acq On : 22 May 2016 12:58
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02061

Quant Time: May 23 05:24:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 22 05:33:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	38659	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.60	136	195750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	132389	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	337834	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	472656	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	536194	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	6216	7.04	ng/uL	-0.02
5) Phenol-d5	6.98	99	71500	22.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	40375	21.99	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.35	132	55753	21.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	61993	23.87	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	29034	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	33063	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	63181	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	71195	22.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	223049	20.64	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	264096	19.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	43485	21.27	ng/ul	0.00
57) Fluorene-d10	15.44	176	193512	20.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	37003	19.04	ng/ul	0.00
70) Anthracene-d10	17.29	188	319152	19.83	ng/ul	0.00
76) Pyrene-d10	19.57	212	392896	18.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	486859	19.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	12101	7.77	ng/uL	91
4) Benzaldehyde	6.96	77	31808	15.47	ng/ul	97
6) Phenol	7.01	94	74874	22.94	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.24	93	53635	21.75	ng/ul	98
10) 2-Chlorophenol	7.38	128	56741	21.39	ng/ul	99
11) 2-Methylphenol	8.26	108	57709	23.32	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.35	45	72185	21.92	ng/ul	99
14) Acetophenone	8.63	105	98305	25.14	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	51052	24.73	ng/ul	97
16) 4-Methylphenol	8.58	108	65039	24.21	ng/ul	99
17) Hexachloroethane	8.89	117	21750	20.49	ng/ul	97
20) Nitrobenzene	9.01	77	70912	19.56	ng/ul	98
21) Isophorone	9.53	82	145546	21.47	ng/ul	98
23) 2-Nitrophenol	9.72	139	35838	20.22	ng/ul	92
24) 2,4-Dimethylphenol	9.78	107	76414	20.87	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.02	93	83020	20.79	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	63163	20.65	ng/ul	98
28) Naphthalene	10.65	128	195285	19.86	ng/ul	99
30) 4-Chloroaniline	10.76	127	72848	22.88	ng/ul	96
31) Hexachlorobutadiene	10.93	225	38797	18.98	ng/ul	97
32) Caprolactam	11.53	113	25629	25.10	ng/ul	95
33) 4-Chloro-3-methylphenol	11.89	107	76406	22.80	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	152041	21.13	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	82680	18.28	ng/ul	99
37) Hexachlorocyclopentadiene	12.61	237	46921	16.52	ng/ul	95
38) 2,4,6-Trichlorophenol	12.87	196	56268	19.09	ng/ul	96
39) 2,4,5-Trichlorophenol	12.95	196	63158	19.46	ng/ul	96
40) 1,1'-Biphenyl	13.28	154	207409	18.66	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	159092	18.58	ng/ul	99
42) 2-Nitroaniline	13.53	65	52588	20.40	ng/ul	99
44) Dimethylphthalate	13.90	163	222375	20.82	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	44920	20.81	ng/ul	99
47) Acenaphthylene	14.17	152	270457	19.70	ng/ul	100
48) 3-Nitroaniline	14.35	138	38925	19.46	ng/ul	98
49) Acenaphthene	14.51	153	179966	19.88	ng/ul	98
50) 2,4-Dinitrophenol	14.56	184	21969	18.18	ng/ul	96
52) 4-Nitrophenol	14.66	109	42589	20.74	ng/ul	98
53) Dibenzofuran	14.85	168	260213	20.13	ng/ul	99
54) 2,4-Dinitrotoluene	14.81	165	69370	22.02	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.07	232	57670	20.33	ng/ul	94
56) Diethylphthalate	15.27	149	234456	21.53	ng/ul	99
58) Fluorene	15.49	166	217646	21.04	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.49	204	106488	20.60	ng/ul	98
60) 4-Nitroaniline	15.51	138	46016	18.86	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	39244	19.23	ng/ul#	98
64) N-Nitrosodiphenylamine	15.70	169	196561	19.17	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	71375	18.97	ng/ul	96
66) Hexachlorobenzene	16.49	284	81549	19.02	ng/ul	99
67) Atrazine	16.65	200	80383	20.96	ng/ul	99
68) Pentachlorophenol	16.84	266	41147	15.99	ng/ul	96
69) Phenanthrene	17.23	178	371999	19.70	ng/ul	100
71) Anthracene	17.32	178	384024	19.96	ng/ul	99
72) Carbazole	17.59	167	363566	21.77	ng/ul	100
73) Di-n-butylphthalate	18.15	149	435545	21.49	ng/ul	99
74) Fluoranthene	19.24	202	480916	22.63	ng/ul	99
77) Pyrene	19.60	202	500086	18.40	ng/ul	98
78) Butylbenzylphthalate	20.50	149	233305	20.37	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.28	252	178624	20.85	ng/ul	100
80) Benzo(a)anthracene	21.35	228	545043	19.62	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	341810	21.13	ng/ul	100
82) Chrysene	21.40	228	515676	19.51	ng/ul	100
84) Di-n-octyl phthalate	22.17	149	637762	20.74	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	593619	18.77	ng/ul	100
86) Benzo(k)fluoranthene	23.00	252	589344	19.69	ng/ul	100
88) Benzo(a)pyrene	23.54	252	594907	19.39	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	754296	20.70	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	629946	20.76	ng/ul	100
91) Benzo(g,h,i)perylene	26.66	276	640427	20.90	ng/ul	99

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

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