Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052016\
Data File : BM005548.D
Acq On : 21 May 2016 10:32
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: May 23 02:24:19 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	7.82	152	110392	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	473599	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	272165	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	641194	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	811470	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	848069	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	20969	8.32	ng/uL	0.00
5) Phenol-d5	6.98	99	182605	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	106557	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	149165	19.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	144852	19.53	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	69025	19.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	72433	18.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	143358	19.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	144694	19.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	427859	19.26	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	542335	19.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	84990	20.22	ng/ul	0.00
57) Fluorene-d10	15.44	176	379186	19.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	64948	17.61	ng/ul	0.00
70) Anthracene-d10	17.29	188	599506	19.63	ng/ul	0.00
76) Pyrene-d10	19.58	212	688882	18.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	774069	19.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	37236	8.37	ng/uL	97
4) Benzaldehyde	6.96	77	79804	13.59	ng/ul	97
6) Phenol	7.01	94	190785	20.47	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.25	93	144996	20.59	ng/ul	97
10) 2-Chlorophenol	7.39	128	150871	19.92	ng/ul	97
11) 2-Methylphenol	8.26	108	139588	19.76	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.36	45	186237	19.80	ng/ul	98
14) Acetophenone	8.64	105	224698	20.13	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.62	70	111195	18.86	ng/ul	98
16) 4-Methylphenol	8.58	108	153325	19.99	ng/ul	99
17) Hexachloroethane	8.90	117	57037	18.82	ng/ul	96
20) Nitrobenzene	9.02	77	166069	18.93	ng/ul	98
21) Isophorone	9.54	82	303572	18.51	ng/ul	97
23) 2-Nitrophenol	9.73	139	80820	18.85	ng/ul	93
24) 2,4-Dimethylphenol	9.79	107	168978	19.07	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.02	93	187850	19.44	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	140940	19.05	ng/ul	96
28) Naphthalene	10.66	128	466761	19.62	ng/ul	99
30) 4-Chloroaniline	10.77	127	149970	19.47	ng/ul	99
31) Hexachlorobutadiene	10.95	225	89277	18.05	ng/ul	99
32) Caprolactam	11.52	113	47933	19.41	ng/ul	98
33) 4-Chloro-3-methylphenol	11.89	107	156836	19.34	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	343896	19.76	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	178018	19.15	ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	98179	16.81	ng/ul	97
38) 2,4,6-Trichlorophenol	12.88	196	114710	18.93	ng/ul	96
39) 2,4,5-Trichlorophenol	12.95	196	126399	18.94	ng/ul	96
40) 1,1'-Biphenyl	13.29	154	441136	19.31	ng/ul	100
41) 2-Chloronaphthalene	13.33	162	341196	19.38	ng/ul	98
42) 2-Nitroaniline	13.53	65	97703	18.44	ng/ul	97
44) Dimethylphthalate	13.91	163	426900	19.45	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	83143	18.73	ng/ul	97
47) Acenaphthylene	14.17	152	556140	19.71	ng/ul	99
48) 3-Nitroaniline	14.35	138	79661	19.37	ng/ul	96
49) Acenaphthene	14.52	153	366070	19.67	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	42180	16.98	ng/ul	90
52) 4-Nitrophenol	14.66	109	78460	18.58	ng/ul	91
53) Dibenzofuran	14.85	168	523992	19.72	ng/ul	99
54) 2,4-Dinitrotoluene	14.81	165	130099	20.09	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.07	232	111582	19.13	ng/ul	98
56) Diethylphthalate	15.27	149	438539	19.59	ng/ul	98
58) Fluorene	15.50	166	426541	20.06	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	207390	19.52	ng/ul	98
60) 4-Nitroaniline	15.52	138	89218	17.79	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.57	198	70802	18.28	ng/ul#	93
64) N-Nitrosodiphenylamine	15.70	169	379188	19.49	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	133467	18.69	ng/ul	99
66) Hexachlorobenzene	16.50	284	152239	18.71	ng/ul	96
67) Atrazine	16.66	200	140073	19.24	ng/ul	99
68) Pentachlorophenol	16.84	266	88026	18.02	ng/ul	99
69) Phenanthrene	17.23	178	706871	19.73	ng/ul	99
71) Anthracene	17.32	178	718691	19.68	ng/ul	100
72) Carbazole	17.59	167	665218	20.99	ng/ul	99
73) Di-n-butylphthalate	18.16	149	738278	19.20	ng/ul	99
74) Fluoranthene	19.24	202	848823	21.04	ng/ul	98
77) Pyrene	19.61	202	882814	18.92	ng/ul	99
78) Butylbenzylphthalate	20.51	149	359836	18.30	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	252487	17.16	ng/ul	100
80) Benzo(a)anthracene	21.35	228	921938	19.33	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	519724	18.72	ng/ul	99
82) Chrysene	21.40	228	872349	19.22	ng/ul	100
84) Di-n-octyl phthalate	22.17	149	922098	18.96	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	990611	19.80	ng/ul	98
86) Benzo(k)fluoranthene	23.00	252	924961	19.53	ng/ul	99
88) Benzo(a)pyrene	23.54	252	954129	19.66	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	1113629	19.32	ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	941100	19.61	ng/ul	98
91) Benzo(g,h,i)perylene	26.66	276	950976	19.63	ng/ul	99

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

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