Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080416\
Data File : BM006866.D
Acq On : 04 Aug 2016 16:43
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02054

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Quant Time: Aug 05 04:25:45 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:18:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	201094	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	852840	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	553104	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1364299	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1512444	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1279379	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	34091	9.32	ng/uL	0.00
5) Phenol-d5	6.79	99	316708	21.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	209918	21.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	248354	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	246486	20.48	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	126143	21.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	142591	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	289624	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	316067	21.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	936878	20.56	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1138863	20.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	178552	17.88	ng/ul	0.00
57) Fluorene-d10	15.22	176	848834	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	163564	18.37	ng/ul	0.00
70) Anthracene-d10	17.07	188	1315671	20.08	ng/ul	0.00
76) Pyrene-d10	19.39	212	1502199	19.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1248452	20.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	32286	7.94	ng/uL	93
4) Benzaldehyde	6.73	77	224212	22.54	ng/ul	97
6) Phenol	6.82	94	322838	20.59	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.01	93	234225	20.92	ng/ul	95
10) 2-Chlorophenol	7.15	128	262652	22.29	ng/ul	91
11) 2-Methylphenol	8.05	108	254855	20.99	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.10	45	513218	20.76	ng/ul	96
14) Acetophenone	8.40	105	435223	20.36	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.38	70	235277	22.24	ng/ul#	90
16) 4-Methylphenol	8.38	108	264217	19.98	ng/ul	97
17) Hexachloroethane	8.62	117	128742	20.97	ng/ul#	80
20) Nitrobenzene	8.77	77	367827	20.00	ng/ul	97
21) Isophorone	9.29	82	602850	20.74	ng/ul	97
23) 2-Nitrophenol	9.48	139	152561	21.02	ng/ul	95
24) 2,4-Dimethylphenol	9.56	107	352346	19.62	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	329888	20.93	ng/ul	95
27) 2,4-Dichlorophenol	10.03	162	284292	20.82	ng/ul	95
28) Naphthalene	10.39	128	862891	20.37	ng/ul	99
30) 4-Chloroaniline	10.54	127	328119	21.93	ng/ul	99
31) Hexachlorobutadiene	10.66	225	244980	19.06	ng/ul	96
32) Caprolactam	11.36	113	68834m	17.85	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	317661	20.94	ng/ul	97
34) 2-Methylnaphthalene	12.02	142	676209	19.80	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	427679	19.61 ng/ul	91
37) Hexachlorocyclopentadiene	12.36	237	199128	16.45 ng/ul#	95
38) 2,4,6-Trichlorophenol	12.66	196	266601	19.99 ng/ul	98
39) 2,4,5-Trichlorophenol	12.75	196	275148m	21.44 ng/ul	
40) 1,1'-Biphenyl	13.05	154	919138	20.37 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	713244	20.16 ng/ul	97
42) 2-Nitroaniline	13.33	65	265610	20.50 ng/ul	94
44) Dimethylphthalate	13.69	163	920878	20.33 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	176715	20.08 ng/ul	98
47) Acenaphthylene	13.94	152	1161757	20.60 ng/ul	97
48) 3-Nitroaniline	14.17	138	161789	21.72 ng/ul	81
49) Acenaphthene	14.28	153	755941	20.52 ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	89420	16.44 ng/ul	97
52) 4-Nitrophenol	14.53	109	225569	16.77 ng/ul	98
53) Dibenzofuran	14.63	168	1140586	19.97 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	279333	19.99 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.87	232	262332	19.17 ng/ul#	99
56) Diethylphthalate	15.06	149	975663	20.72 ng/ul	99
58) Fluorene	15.27	166	950667	19.80 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	518985	19.25 ng/ul	97
60) 4-Nitroaniline	15.36	138	152782	19.66 ng/ul	81
63) 4,6-Dinitro-2-methylphenol	15.40	198	168485	18.30 ng/ul	89
64) N-Nitrosodiphenylamine	15.50	169	807069	20.66 ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	332285	19.85 ng/ul	97
66) Hexachlorobenzene	16.28	284	364968	20.09 ng/ul	95
67) Atrazine	16.46	200	322415	19.29 ng/ul	98
68) Pentachlorophenol	16.65	266	166541	16.59 ng/ul	97
69) Phenanthrene	17.02	178	1515046	20.13 ng/ul	99
71) Anthracene	17.11	178	1575376	20.28 ng/ul	97
72) Carbazole	17.40	167	1283134	19.39 ng/ul	99
73) Di-n-butylphthalate	17.95	149	1522614	21.23 ng/ul	99
74) Fluoranthene	19.05	202	1873255	19.43 ng/ul	99
77) Pyrene	19.42	202	1922055	19.32 ng/ul#	98
78) Butylbenzylphthalate	20.32	149	698964	20.41 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.12	252	553543	19.96 ng/ul	97
80) Benzo(a)anthracene	21.17	228	1840441	19.98 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.09	149	953100	20.28 ng/ul	97
82) Chrysene	21.22	228	1609967	19.88 ng/ul	98
84) Di-n-octyl phthalate	21.96	149	1505314	19.15 ng/ul#	95
85) Benzo(b)fluoranthene	22.72	252	1655142	20.53 ng/ul#	99
86) Benzo(k)fluoranthene	22.76	252	1568266	19.93 ng/ul#	99
88) Benzo(a)pyrene	23.28	252	1546297	20.19 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.56	276	1777245	19.51 ng/ul	99
90) Dibenzo(a,h)anthracene	25.57	278	1482285	18.88 ng/ul	99
91) Benzo(g,h,i)perylene	26.23	276	1447908	19.65 ng/ul	98

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

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