Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081716\
Data File : BM007147.D
Acq On : 16 Aug 2016 18:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Quant Time: Aug 17 02:25:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 02:24:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	237188	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	919483	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	529539	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1211926	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1549615	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1630549	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	43330	7.98	ng/uL	0.00
5) Phenol-d5	6.97	99	371252	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	219608	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	308434	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	295163	18.67	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	135779	20.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	153709	21.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	304684	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	361884	20.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	861476	19.69	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1069137	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	139489	17.79	ng/ul	0.00
57) Fluorene-d10	15.43	176	748811	19.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	125704	18.77	ng/ul	0.00
70) Anthracene-d10	17.28	188	1141006	20.32	ng/ul	0.00
76) Pyrene-d10	19.57	212	1358945	20.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1542722	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	46250	8.19	ng/uL	97
4) Benzaldehyde	6.96	77	254555	22.04	ng/ul	99
6) Phenol	7.00	94	396502	19.59	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.23	93	294243	19.70	ng/ul	99
10) 2-Chlorophenol	7.37	128	312358	19.95	ng/ul	98
11) 2-Methylphenol	8.25	108	291257	19.14	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.34	45	334801	19.56	ng/ul	98
14) Acetophenone	8.63	105	469396	19.28	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.61	70	237163	18.72	ng/ul	98
16) 4-Methylphenol	8.57	108	311725	18.77	ng/ul	95
17) Hexachloroethane	8.88	117	130928	20.04	ng/ul	98
20) Nitrobenzene	9.00	77	363830	21.17	ng/ul	98
21) Isophorone	9.52	82	627398	19.49	ng/ul	100
23) 2-Nitrophenol	9.71	139	168530	21.59	ng/ul	96
24) 2,4-Dimethylphenol	9.77	107	367067	20.52	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.01	93	386811	20.01	ng/ul	98
27) 2,4-Dichlorophenol	10.24	162	306994	20.62	ng/ul	98
28) Naphthalene	10.65	128	933342	20.49	ng/ul	99
30) 4-Chloroaniline	10.75	127	378219	20.74	ng/ul	97
31) Hexachlorobutadiene	10.93	225	232870	21.16	ng/ul	97
32) Caprolactam	11.50	113	84515	16.76	ng/ul	97
33) 4-Chloro-3-methylphenol	11.87	107	318986	19.61	ng/ul	96
34) 2-Methylnaphthalene	12.26	142	696172	19.83	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	409601	21.87	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	218234	18.30	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	253791	21.13	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	260586	20.72	ng/ul	96
40) 1,1'-Biphenyl	13.27	154	889394	20.93	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	692214	20.77	ng/ul	99
42) 2-Nitroaniline	13.52	65	193902	20.27	ng/ul	99
44) Dimethylphthalate	13.90	163	858308	19.63	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	174039	20.48	ng/ul	95
47) Acenaphthylene	14.16	152	1104361	20.41	ng/ul	98
48) 3-Nitroaniline	14.34	138	169001	20.10	ng/ul	95
49) Acenaphthene	14.50	153	707610	20.15	ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	79625	15.80	ng/ul	92
52) 4-Nitrophenol	14.64	109	146448	18.38	ng/ul	94
53) Dibenzofuran	14.84	168	1035883	19.87	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	248611	19.82	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.06	232	239028	19.66	ng/ul	98
56) Diethylphthalate	15.26	149	854132	18.51	ng/ul	99
58) Fluorene	15.49	166	829832	19.74	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	435289	19.61	ng/ul	98
60) 4-Nitroaniline	15.50	138	180533	18.32	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	136715	18.76	ng/ul#	99
64) N-Nitrosodiphenylamine	15.70	169	728727	21.25	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	292143	21.28	ng/ul	97
66) Hexachlorobenzene	16.49	284	320989	20.67	ng/ul	98
67) Atrazine	16.64	200	281926	20.39	ng/ul	99
68) Pentachlorophenol	16.83	266	182202	19.07	ng/ul	99
69) Phenanthrene	17.22	178	1330839	20.42	ng/ul	99
71) Anthracene	17.32	178	1354014	20.24	ng/ul	99
72) Carbazole	17.59	167	1189520	20.64	ng/ul	100
73) Di-n-butylphthalate	18.15	149	1414905	20.08	ng/ul	99
74) Fluoranthene	19.24	202	1666408	21.08	ng/ul	99
77) Pyrene	19.60	202	1757069	20.51	ng/ul	98
78) Butylbenzylphthalate	20.50	149	674206	20.24	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.28	252	615333	20.56	ng/ul	98
80) Benzo(a)anthracene	21.34	228	1863438	20.35	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	963378	19.54	ng/ul	99
82) Chrysene	21.40	228	1686024	20.15	ng/ul	100
84) Di-n-octyl phthalate	22.17	149	1723370	20.49	ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	1997852	20.34	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	1918721	20.80	ng/ul	99
88) Benzo(a)pyrene	23.54	252	1916488	20.58	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	2339413	20.50	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	1970383	20.57	ng/ul	98
91) Benzo(g,h,i)perylene	26.64	276	1943007	20.14	ng/ul	99

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

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