Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM111715\
Data File : BM003141.D
Acq On : 16 Nov 2015 14:08
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02042

Quant Time: Nov 17 00:14:53 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 02:34:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	147787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	639928	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	343175	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	723223	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	747198	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	734047	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	21497	6.86	ng/uL	0.00
5) Phenol-d5	6.90	99	189076	16.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	109745	16.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	164379	16.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	153846	16.33	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	72730	18.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	74553	18.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	151098	17.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	193456	16.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	435767	16.88	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	547747	16.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	77164	17.73	ng/ul	0.00
58) Fluorene-d10	15.39	176	377035	16.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	54701	16.33	ng/ul	0.00
71) Anthracene-d10	17.23	188	550270	17.16	ng/ul	0.00
79) Pyrene-d10	19.53	212	578054	15.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	602203	17.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	22783	6.65	ng/uL#	91
4) Benzaldehyde	6.89	77	80837	13.47	ng/ul	93
6) Phenol	6.93	94	199887	16.62	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.17	93	157055	16.37	ng/ul	99
10) 2-Chlorophenol	7.31	128	171848	16.81	ng/ul	98
11) 2-Methylphenol	8.18	108	150207	16.02	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	174106	14.76	ng/ul#	92
14) Acetophenone	8.56	105	241855	16.90	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.55	70	111515	15.74	ng/ul	91
16) 4-Methylphenol	8.51	108	165877	16.37	ng/ul	99
17) Hexachloroethane	8.82	117	64520	16.58	ng/ul	95
20) Nitrobenzene	8.95	77	168983	17.87	ng/ul	92
21) Isophorone	9.46	82	302081	15.75	ng/ul	96
23) 2-Nitrophenol	9.65	139	86181	18.77	ng/ul#	89
24) 2,4-Dimethylphenol	9.71	107	178459	16.63	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.95	93	204596	16.52	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	157324	17.29	ng/ul	99
28) Naphthalene	10.59	128	536227	16.70	ng/ul	100
30) 4-Chloroaniline	10.69	127	207032	17.22	ng/ul	99
31) Hexachlorobutadiene	10.87	225	98433	17.47	ng/ul	99
32) Caprolactam	11.45	113	40348	15.67	ng/ul	99
33) 4-Chloro-3-methylphenol	11.82	107	154680	16.08	ng/ul	95
34) 2-Methylnaphthalene	12.20	142	384024	16.59	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	374717	16.51 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	188317	17.15 ng/ul	99
38) Hexachlorocyclopentadiene	12.56	237	98281	15.21 ng/ul	97
39) 2,4,6-Trichlorophenol	12.82	196	112582	16.79 ng/ul	99
40) 2,4,5-Trichlorophenol	12.88	196	122838	17.04 ng/ul	100
41) 1,1'-Biphenyl	13.22	154	488392	16.89 ng/ul	99
42) 2-Chloronaphthalene	13.26	162	364968	16.97 ng/ul	100
43) 2-Nitroaniline	13.47	65	79368	18.36 ng/ul	95
45) Dimethylphthalate	13.84	163	437451	16.63 ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	80760	18.78 ng/ul#	83
48) Acenaphthylene	14.11	152	587627	16.82 ng/ul	100
49) 3-Nitroaniline	14.29	138	80898	17.79 ng/ul	94
50) Acenaphthene	14.46	153	388483	16.51 ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	34516	14.45 ng/ul	90
53) 4-Nitrophenol	14.60	109	60239	18.21 ng/ul#	71
54) Dibenzofuran	14.79	168	551446	16.77 ng/ul	96
55) 2,4-Dinitrotoluene	14.76	165	118914	19.65 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.02	232	100473	16.89 ng/ul	97
57) Diethylphthalate	15.22	149	430001	16.57 ng/ul	99
59) Fluorene	15.44	166	434543	17.00 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.44	204	208915	17.40 ng/ul	99
61) 4-Nitroaniline	15.46	138	86067	17.66 ng/ul#	81
64) 4,6-Dinitro-2-methylphenol	15.52	198	59320	16.34 ng/ul	97
65) N-Nitrosodiphenylamine	15.65	169	370944	17.08 ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	122624	17.42 ng/ul	99
67) Hexachlorobenzene	16.44	284	143616	16.83 ng/ul	99
68) Atrazine	16.60	200	126808	16.90 ng/ul	97
69) Pentachlorophenol	16.79	266	75918	15.87 ng/ul	97
70) Phenanthrene	17.18	178	678624	16.57 ng/ul	99
72) Anthracene	17.27	178	680218	17.00 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	181822	16.58 ng/uL	99
74) Pentachlorobenzene	14.71	250	171651	16.55 ng/uL	99
75) Carbazole	17.54	167	599750	17.56 ng/ul	99
76) Di-n-butylphthalate	18.10	149	662468	16.83 ng/ul#	99
77) Fluoranthene	19.20	202	730292	17.64 ng/ul	96
80) Pyrene	19.56	202	776460	15.88 ng/ul#	94
81) Butylbenzylphthalate	20.47	149	268141	18.59 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.25	252	208631	19.98 ng/ul	99
83) Benzo(a)anthracene	21.32	228	713752	17.39 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	393636	17.45 ng/ul	100
85) Chrysene	21.37	228	675740	16.64 ng/ul	98
87) Di-n-octyl phthalate	22.13	149	658580	17.42 ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	708781	16.76 ng/ul	97
89) Benzo(k)fluoranthene	22.96	252	689227	17.47 ng/ul#	96
91) Benzo(a)pyrene	23.49	252	688347	17.19 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.88	276	810049	18.39 ng/ul	93
93) Dibenzo(a,h)anthracene	25.89	278	685840	19.76 ng/ul#	93
94) Benzo(g,h,i)perylene	26.57	276	679059	17.14 ng/ul#	93

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

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