Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072315\
Data File : BM002029.D
Acq On : 23 Jul 2015 22:51
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02063

Quant Time: Jul 24 01:35:21 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 01:29:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	60800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	235356	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	105582	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	233508	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	262215	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	241811	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	8346	6.71	ng/uL	0.00
5) Phenol-d5	6.79	99	84944	17.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	45603	16.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	75250	19.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	68577	16.82	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	34321	19.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	36665	18.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	76117	19.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	87110	21.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	177090	20.80	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	212044	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	24063	16.69	ng/ul	0.00
57) Fluorene-d10	15.27	176	135330	18.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	7695	5.09	ng/ul	0.01
70) Anthracene-d10	17.13	188	206399	18.83	ng/ul	0.00
78) Pyrene-d10	19.43	212	226828	18.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	248993	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	8443	6.44	ng/uL	92
4) Benzaldehyde	6.76	77	39120	16.31	ng/ul	95
6) Phenol	6.82	94	88208	17.21	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	66084	17.50	ng/ul	95
10) 2-Chlorophenol	7.18	128	75560	18.89	ng/ul	95
11) 2-Methylphenol	8.06	108	66980	17.16	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	63043	14.29	ng/ul	94
14) Acetophenone	8.44	105	108435	16.84	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.42	70	51350	15.53	ng/ul	93
16) 4-Methylphenol	8.39	108	71090	16.64	ng/ul	100
17) Hexachloroethane	8.68	117	28585	17.89	ng/ul	96
20) Nitrobenzene	8.82	77	78879	18.21	ng/ul	94
21) Isophorone	9.34	82	135703	16.78	ng/ul	97
23) 2-Nitrophenol	9.53	139	39161	18.45	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	80826	17.92	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	82007	16.90	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	73008	18.99	ng/ul	98
28) Naphthalene	10.46	128	223048	18.77	ng/ul	99
30) 4-Chloroaniline	10.57	127	85865	20.51	ng/ul	100
31) Hexachlorobutadiene	10.73	225	53594	19.44	ng/ul	97
32) Caprolactam	11.33	113	29591	16.29	ng/ul	83
33) 4-Chloro-3-methylphenol	11.71	107	68683	16.29	ng/ul	97
34) 2-Methylnaphthalene	12.08	142	155416	17.57	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	91696	24.32	ng/ul	96
37) Hexachlorocyclopentadiene	12.42	237	17731	8.18	ng/ul	96
38) 2,4,6-Trichlorophenol	12.70	196	56469	23.93	ng/ul	100
39) 2,4,5-Trichlorophenol	12.77	196	60331	23.48	ng/ul	99
40) 1,1'-Biphenyl	13.10	154	196354	23.17	ng/ul	98
41) 2-Chloronaphthalene	13.14	162	156871	23.76	ng/ul	99
42) 2-Nitroaniline	13.36	65	37601	20.22	ng/ul	91
44) Dimethylphthalate	13.74	163	180834	20.88	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	35580	19.95	ng/ul	99
47) Acenaphthylene	14.00	152	203661	19.49	ng/ul	98
48) 3-Nitroaniline	14.20	138	33065	20.98	ng/ul	92
49) Acenaphthene	14.34	153	130156	18.57	ng/ul	96
50) 2,4-Dinitrophenol	14.42	184	2990	2.78	ng/ul	88
52) 4-Nitrophenol	14.52	109	21905	16.48	ng/ul	93
53) Dibenzofuran	14.68	168	190073	18.88	ng/ul	98
54) 2,4-Dinitrotoluene	14.66	165	44964	17.37	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.91	232	42382	18.65	ng/ul#	97
56) Diethylphthalate	15.11	149	150805	17.57	ng/ul	99
58) Fluorene	15.33	166	154173	18.26	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.33	204	84969	18.58	ng/ul	98
60) 4-Nitroaniline	15.36	138	34041	20.52	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.43	198	8457	5.27	ng/ul#	89
64) N-Nitrosodiphenylamine	15.54	169	129453	18.56	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	51037	19.12	ng/ul	97
66) Hexachlorobenzene	16.33	284	55972	18.94	ng/ul	98
67) Atrazine	16.50	200	47841	17.38	ng/ul	100
68) Pentachlorophenol	16.68	266	28878	15.85	ng/ul	98
69) Phenanthrene	17.07	178	242808	19.19	ng/ul	100
71) Anthracene	17.16	178	242277	18.57	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	89395	24.99	ng/uL	99
73) Pentachlorobenzene	14.60	250	68559	19.68	ng/uL	99
74) Carbazole	17.44	167	214178	19.05	ng/ul	99
75) Di-n-butylphthalate	18.00	149	254463	18.75	ng/ul	99
76) Fluoranthene	19.09	202	269743	18.24	ng/ul	99
79) Pyrene	19.46	202	304120	19.38	ng/ul	100
80) Butylbenzylphthalate	20.36	149	108735	18.23	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.14	252	93476	19.22	ng/ul	96
82) Benzo(a)anthracene	21.21	228	302294	19.37	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	155290	17.76	ng/ul	100
84) Chrysene	21.26	228	278655	19.06	ng/ul	100
86) Di-n-octyl phthalate	22.00	149	283898	18.86	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	275852	18.61	ng/ul	100
88) Benzo(k)fluoranthene	22.81	252	274932	19.30	ng/ul	99
90) Benzo(a)pyrene	23.34	252	289315	20.78	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.66	276	331510	22.68	ng/ul	99
92) Dibenzo(a,h)anthracene	25.67	278	285594	23.10	ng/ul	97
93) Benzo(g,h,i)perylene	26.35	276	276750	23.04	ng/ul	98

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

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