Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
Data File : BM001286.D
Acq On : 13 May 2015 23:10
Operator : TP/IZ
Sample : SSTD08077
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08077

Quant Time: May 14 04:59:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 14 03:01:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	162611	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	660251	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	364922	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	777245	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	859131	20.00	ng/ul	0.00
83) Perylene-d12	23.19	264	851463	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.87	96	111118	32.94	ng/uL	0.00
5) Phenol-d5	6.63	99	1019360	81.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	610138	78.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	848893	84.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	824108	79.87	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	392126	89.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	447556	91.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	831999	85.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	965497	78.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.55	166	2036194	83.17	ng/ul	0.01
46) Acenaphthylene-d8	13.81	160	2981443	84.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.36	143	431351	87.88	ng/ul	0.01
57) Fluorene-d10	15.12	176	1976715	80.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	405294	85.97	ng/ul	0.01
70) Anthracene-d10	16.97	188	2958590	83.01	ng/ul	0.01
76) Pyrene-d10	19.27	212	3158518	80.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.06	264	3104982	82.68	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.90	88	126160	34.53	ng/uL	97
4) Benzaldehyde	6.59	77	594015	80.04	ng/ul	96
6) Phenol	6.66	94	1061576	80.25	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.88	93	822794	79.02	ng/ul	99
10) 2-Chlorophenol	7.01	128	873454	83.57	ng/ul	98
11) 2-Methylphenol	7.90	108	806476	79.76	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.99	45	1456759	77.38	ng/ul	99
14) Acetophenone	8.27	105	1328446	78.67	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.27	70	660875	81.33	ng/ul	98
16) 4-Methylphenol	8.24	108	880461	79.20	ng/ul	99
17) Hexachloroethane	8.51	117	360820	83.93	ng/ul	100
20) Nitrobenzene	8.65	77	995350	84.57	ng/ul	99
21) Isophorone	9.17	82	1729058	85.71	ng/ul	99
23) 2-Nitrophenol	9.35	139	483426	87.68	ng/ul	99
24) 2,4-Dimethylphenol	9.43	107	959385	83.58	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	1069851	81.73	ng/ul	99
27) 2,4-Dichlorophenol	9.89	162	808800	84.37	ng/ul	97
28) Naphthalene	10.27	128	2757904	81.18	ng/ul	100
30) 4-Chloroaniline	10.40	127	981018	78.76	ng/ul	96
31) Hexachlorobutadiene	10.56	225	489832	82.31	ng/ul	98
32) Caprolactam	11.16	113	247601m	85.09	ng/ul	
33) 4-Chloro-3-methylphenol	11.55	107	839358	83.53	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	1934866	80.89	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.29	216	939192	82.89	ng/ul	99
37) Hexachlorocyclopentadiene	12.26	237	571504	86.72	ng/ul	98
38) 2,4,6-Trichlorophenol	12.54	196	603596	86.67	ng/ul	97
39) 2,4,5-Trichlorophenol	12.61	196	654914	86.16	ng/ul	98
40) 1,1'-Biphenyl	12.95	154	2477707	81.96	ng/ul	100
41) 2-Chloronaphthalene	12.98	162	1928433	82.04	ng/ul	98
42) 2-Nitroaniline	13.20	65	604644	96.35	ng/ul	97
44) Dimethylphthalate	13.59	163	2264471	81.97	ng/ul	99
45) 2,6-Dinitrotoluene	13.72	165	486468	92.34	ng/ul	94
47) Acenaphthylene	13.84	152	3146512	83.60	ng/ul	99
48) 3-Nitroaniline	14.05	138	499557	87.92	ng/ul	98
49) Acenaphthene	14.19	153	2043682	81.53	ng/ul	100
50) 2,4-Dinitrophenol	14.26	184	299379	92.85	ng/ul	97
52) 4-Nitrophenol	14.37	109	344312	86.17	ng/ul	95
53) Dibenzofuran	14.52	168	2823292	80.75	ng/ul	98
54) 2,4-Dinitrotoluene	14.51	165	708122	91.09	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.76	232	545318	89.03	ng/ul	99
56) Diethylphthalate	14.97	149	2305675	84.23	ng/ul	99
58) Fluorene	15.18	166	2395407	83.10	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.18	204	1121808	81.26	ng/ul	99
60) 4-Nitroaniline	15.22	138	539967m	90.38	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.28	198	435020	85.70	ng/ul	97
64) N-Nitrosodiphenylamine	15.40	169	1968311	83.65	ng/ul	99
65) 4-Bromophenyl-phenylether	16.07	248	640230	82.83	ng/ul	97
66) Hexachlorobenzene	16.19	284	694810	81.76	ng/ul	99
67) Atrazine	16.36	200	661965	82.63	ng/ul	97
68) Pentachlorophenol	16.53	266	420793	87.07	ng/ul	97
69) Phenanthrene	16.92	178	3556162	82.34	ng/ul	99
71) Anthracene	17.01	178	3673332	82.88	ng/ul	98
72) Carbazole	17.29	167	3324101	82.98	ng/ul	99
73) Di-n-butylphthalate	17.85	149	3892546	90.85	ng/ul	98
74) Fluoranthene	18.94	202	4038162	84.58	ng/ul	98
77) Pyrene	19.31	202	4285807	79.36	ng/ul	98
78) Butylbenzylphthalate	20.23	149	1802260	94.24	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.00	252	1321633	85.22	ng/ul	97
80) Benzo(a)anthracene	21.06	228	4074791	81.16	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.00	149	2715831	94.80	ng/ul	100
82) Chrysene	21.12	228	3876043	81.52	ng/ul	99
84) Di-n-octyl phthalate	21.85	149	4545873	80.73	ng/ul	100
85) Benzo(b)fluoranthene	22.57	252	4063447	79.08	ng/ul	99
86) Benzo(k)fluoranthene	22.61	252	4021808	80.63	ng/ul	99
88) Benzo(a)pyrene	23.11	252	4006715	81.55	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.30	276	4679908	88.62	ng/ul	95
90) Dibenzo(a,h)anthracene	25.30	278	3929581	88.84	ng/ul	99
91) Benzo(g,h,i)perylene	25.93	276	3930136	88.90	ng/ul	98

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

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