Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM071015\
Data File : BM001892.D
Acq On : 10 Jul 2015 14:25
Operator : TP/UM
Sample : SSTD01031
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01031

Quant Time: Jul 11 01:07:24 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071015.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 11 01:06:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	56221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	239449	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	156095	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	370291	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	470405	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	495960	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	4129	2.99	ng/uL	0.00
5) Phenol-d5	6.82	99	43429	7.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	24182	8.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	34877	8.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	35975	8.06	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	17289	8.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	18885	8.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	39984	8.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	49155	9.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	124634	8.56	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	146518	7.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	20231	7.63	ng/ul	-0.01
57) Fluorene-d10	15.31	176	106628	8.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	20541	7.21	ng/ul	0.00
70) Anthracene-d10	17.16	188	169743	8.05	ng/ul	0.00
78) Pyrene-d10	19.46	212	194406	7.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	241419	8.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	4858	3.12	ng/uL#	89
4) Benzaldehyde	6.80	77	27620	8.00	ng/ul	95
6) Phenol	6.85	94	45499	8.06	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	34135	8.21	ng/ul	97
10) 2-Chlorophenol	7.22	128	35679	8.01	ng/ul	98
11) 2-Methylphenol	8.10	108	34336	8.13	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.19	45	39644	7.99	ng/ul	99
14) Acetophenone	8.48	105	59310	8.44	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	29916	8.61	ng/ul	99
16) 4-Methylphenol	8.43	108	38562	8.38	ng/ul	97
17) Hexachloroethane	8.73	117	14566	8.35	ng/ul	93
20) Nitrobenzene	8.86	77	43742	8.03	ng/ul	98
21) Isophorone	9.37	82	80720	8.55	ng/ul	99
23) 2-Nitrophenol	9.56	139	21195	8.40	ng/ul	94
24) 2,4-Dimethylphenol	9.63	107	44487	7.92	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.86	93	47539	8.28	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	38413	8.22	ng/ul	99
28) Naphthalene	10.50	128	117802	8.04	ng/ul	99
30) 4-Chloroaniline	10.61	127	50192	9.65	ng/ul	95
31) Hexachlorobutadiene	10.77	225	27464	7.92	ng/ul	99
32) Caprolactam	11.36	113	18498	10.79	ng/ul	93
33) 4-Chloro-3-methylphenol	11.74	107	42174	8.40	ng/ul	96
34) 2-Methylnaphthalene	12.12	142	87502	8.14	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	54134	7.71	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	27356	6.53	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	34606	8.18	ng/ul	95
39) 2,4,5-Trichlorophenol	12.80	196	37512	8.11	ng/ul	93
40) 1,1'-Biphenyl	13.14	154	121374	7.86	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	94958	7.85	ng/ul	98
42) 2-Nitroaniline	13.39	65	26964	8.11	ng/ul	94
44) Dimethylphthalate	13.77	163	126524	8.17	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	25964	8.54	ng/ul	95
47) Acenaphthylene	14.03	152	150819	7.98	ng/ul	98
48) 3-Nitroaniline	14.23	138	24492	8.53	ng/ul	91
49) Acenaphthene	14.37	153	101527	8.08	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	12985	6.81	ng/ul	90
52) 4-Nitrophenol	14.53	109	19615	7.31	ng/ul	94
53) Dibenzofuran	14.72	168	143636	7.93	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	37397	8.37	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.94	232	33159	8.20	ng/ul#	94
56) Diethylphthalate	15.14	149	123700	8.27	ng/ul	99
58) Fluorene	15.36	166	123402	8.15	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	67266	8.24	ng/ul	99
60) 4-Nitroaniline	15.39	138	26161	8.21	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	22638	7.48	ng/ul	98
64) N-Nitrosodiphenylamine	15.58	169	105757	7.97	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	40164	7.88	ng/ul	96
66) Hexachlorobenzene	16.37	284	44960	7.93	ng/ul	98
67) Atrazine	16.53	200	42982	7.97	ng/ul	98
68) Pentachlorophenol	16.71	266	25475	7.14	ng/ul	97
69) Phenanthrene	17.10	178	195978	8.02	ng/ul	99
71) Anthracene	17.19	178	202369	8.05	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	53574	7.62	ng/uL	100
73) Pentachlorobenzene	14.63	250	51924	7.78	ng/uL	99
74) Carbazole	17.47	167	174103	7.88	ng/ul	99
75) Di-n-butylphthalate	18.03	149	205769	8.42	ng/ul	99
76) Fluoranthene	19.13	202	239940	8.15	ng/ul	98
79) Pyrene	19.49	202	254212	7.93	ng/ul	99
80) Butylbenzylphthalate	20.40	149	97027	8.61	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.18	252	90814	8.43	ng/ul	99
82) Benzo(a)anthracene	21.24	228	274791	8.17	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	149920	8.94	ng/ul	100
84) Chrysene	21.30	228	253100	7.99	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	263115	8.30	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	283766	7.93	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	268368	7.90	ng/ul	100
90) Benzo(a)pyrene	23.39	252	275530	7.99	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.73	276	328942	8.06	ng/ul	99
92) Dibenzo(a,h)anthracene	25.74	278	279683	8.10	ng/ul	99
93) Benzo(g,h,i)perylene	26.42	276	273551	8.01	ng/ul	99

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

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