Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070115\
Data File : BM001807.D
Acq On : 01 Jul 2015 14:47
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02016

Quant Time: Jul 02 06:42:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 04:32:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	57192	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	226204	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	134074	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	302435	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	361995	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	366569	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	9887	8.24	ng/uL	0.00
5) Phenol-d5	6.83	99	90236	20.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	49775	20.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	73999	21.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	72441	20.54	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	32878	21.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	37473	21.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	74990	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	94621	25.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	200458	20.16	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	271642	20.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	34927	19.04	ng/ul	0.00
57) Fluorene-d10	15.31	176	189417	20.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	34304	18.57	ng/ul	0.00
70) Anthracene-d10	17.16	188	290930	20.65	ng/ul	0.00
78) Pyrene-d10	19.46	212	322383	21.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	336113	20.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	10747	7.85	ng/uL	98
4) Benzaldehyde	6.80	77	61943	21.56	ng/ul	98
6) Phenol	6.85	94	94574	20.86	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.09	93	72243	21.21	ng/ul	98
10) 2-Chlorophenol	7.22	128	75526	21.00	ng/ul	99
11) 2-Methylphenol	8.10	108	69238	20.63	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	82163	19.71	ng/ul	95
14) Acetophenone	8.48	105	116485	20.81	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	58912	21.54	ng/ul	96
16) 4-Methylphenol	8.43	108	75442	20.69	ng/ul	98
17) Hexachloroethane	8.73	117	30014	20.78	ng/ul	94
20) Nitrobenzene	8.86	77	87348	20.60	ng/ul	95
21) Isophorone	9.38	82	148900	21.03	ng/ul	98
23) 2-Nitrophenol	9.57	139	40452	21.57	ng/ul	99
24) 2,4-Dimethylphenol	9.63	107	87584	20.21	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.87	93	91356	20.68	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	75033	21.10	ng/ul	97
28) Naphthalene	10.50	128	235725	20.64	ng/ul	99
30) 4-Chloroaniline	10.62	127	94560	24.98	ng/ul	97
31) Hexachlorobutadiene	10.78	225	54531	20.03	ng/ul	98
32) Caprolactam	11.36	113	21249	20.01	ng/ul	98
33) 4-Chloro-3-methylphenol	11.74	107	79182	20.92	ng/ul	95
34) 2-Methylnaphthalene	12.12	142	170397	20.63	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	100839	20.12	ng/ul	96
37) Hexachlorocyclopentadiene	12.47	237	53741	17.75	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	61114	20.96	ng/ul	95
39) 2,4,5-Trichlorophenol	12.80	196	68067	21.34	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	222647	20.34	ng/ul	98
41) 2-Chloronaphthalene	13.19	162	177664	20.71	ng/ul	96
42) 2-Nitroaniline	13.40	65	47484	20.88	ng/ul	91
44) Dimethylphthalate	13.77	163	216945	19.96	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	43766	21.42	ng/ul	98
47) Acenaphthylene	14.04	152	274956	20.69	ng/ul	99
48) 3-Nitroaniline	14.23	138	44365	23.24	ng/ul	91
49) Acenaphthene	14.38	153	182726	20.58	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	22104	17.45	ng/ul	96
52) 4-Nitrophenol	14.53	109	33372	17.61	ng/ul	95
53) Dibenzofuran	14.72	168	261683	20.58	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	63912	21.22	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.94	232	57564	20.87	ng/ul	95
56) Diethylphthalate	15.14	149	207790	20.11	ng/ul	98
58) Fluorene	15.37	166	216449	20.45	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	115687	20.28	ng/ul	99
60) 4-Nitroaniline	15.39	138	45095	20.81	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.44	198	36368	18.48	ng/ul	97
64) N-Nitrosodiphenylamine	15.58	169	182103	20.61	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	69672	20.65	ng/ul	95
66) Hexachlorobenzene	16.37	284	77128	20.35	ng/ul	97
67) Atrazine	16.53	200	70512	19.81	ng/ul	97
68) Pentachlorophenol	16.71	266	45076	19.40	ng/ul	98
69) Phenanthrene	17.10	178	335064	20.43	ng/ul	99
71) Anthracene	17.20	178	345584	20.53	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	98110	20.63	ng/uL	95
73) Pentachlorobenzene	14.63	250	91667	20.45	ng/uL	97
74) Carbazole	17.47	167	297364	20.13	ng/ul	99
75) Di-n-butylphthalate	18.03	149	327722	20.77	ng/ul	99
76) Fluoranthene	19.13	202	394749	20.13	ng/ul	100
79) Pyrene	19.49	202	419229	20.87	ng/ul	99
80) Butylbenzylphthalate	20.40	149	143858	21.96	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.18	252	137879	21.44	ng/ul	98
82) Benzo(a)anthracene	21.24	228	436814	20.65	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	214347	21.75	ng/ul	98
84) Chrysene	21.29	228	408166	20.36	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	379123	21.04	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	448265	21.01	ng/ul	98
88) Benzo(k)fluoranthene	22.86	252	420330	20.38	ng/ul	100
90) Benzo(a)pyrene	23.38	252	424017	20.43	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	495790	20.14	ng/ul	99
92) Dibenzo(a,h)anthracene	25.73	278	418584	20.16	ng/ul	99
93) Benzo(g,h,i)perylene	26.40	276	418165	20.20	ng/ul	100

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

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