Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031115\
Data File : BM000695.D
Acq On : 11 Mar 2015 17:31
Operator : TP/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02072

Quant Time: Mar 12 07:26:19 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031115.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 12 07:14:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	132367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	547580	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	309128	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	674678	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	763022	20.00	ng/ul	0.00
83) Perylene-d12	23.46	264	731886	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	22393	8.17	ng/uL	0.00
5) Phenol-d5	6.82	99	208665	20.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	123129	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	170323	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	162320	20.69	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	74080	21.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	81711	21.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	163757	21.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	210085	23.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	418551	21.16	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	602997	21.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	80924	19.74	ng/ul	0.00
57) Fluorene-d10	15.30	176	419745	20.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	73622	20.05	ng/ul	0.00
70) Anthracene-d10	17.15	188	639246	20.67	ng/ul	0.00
76) Pyrene-d10	19.46	212	706357	20.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	677004	21.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	24415	7.48	ng/uL#	1
4) Benzaldehyde	6.79	77	119679	21.67	ng/ul	98
6) Phenol	6.85	94	225647	20.47	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.08	93	176558	20.80	ng/ul	99
10) 2-Chlorophenol	7.22	128	182341	20.76	ng/ul	98
11) 2-Methylphenol	8.10	108	170226	20.76	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	304034	20.84	ng/ul	99
14) Acetophenone	8.47	105	266407	20.84	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	125435	21.34	ng/ul	97
16) 4-Methylphenol	8.42	108	186577	20.96	ng/ul	98
17) Hexachloroethane	8.72	117	69675	20.62	ng/ul	98
20) Nitrobenzene	8.85	77	197597	20.93	ng/ul	98
21) Isophorone	9.37	82	333341	21.40	ng/ul	99
23) 2-Nitrophenol	9.56	139	95638	21.50	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	197650	20.76	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	220360	20.53	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	165463	20.78	ng/ul	97
28) Naphthalene	10.49	128	597831	20.20	ng/ul	99
30) 4-Chloroaniline	10.60	127	215544	23.62	ng/ul	99
31) Hexachlorobutadiene	10.77	225	102149	20.46	ng/ul	95
32) Caprolactam	11.35	113	44191	20.21	ng/ul	99
33) 4-Chloro-3-methylphenol	11.73	107	172122	21.07	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	414002	20.47	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	193598	20.30	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	105195	19.93	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	114331	22.67	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	126064	21.58	ng/ul	99
40) 1,1'-Biphenyl	13.13	154	539144	20.77	ng/ul	100
41) 2-Chloronaphthalene	13.17	162	409237	20.59	ng/ul	100
42) 2-Nitroaniline	13.39	65	103578	22.57	ng/ul	98
44) Dimethylphthalate	13.77	163	486910	20.95	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	93994	22.43	ng/ul	92
47) Acenaphthylene	14.03	152	671148	20.75	ng/ul	99
48) 3-Nitroaniline	14.22	138	92505	21.64	ng/ul	93
49) Acenaphthene	14.37	153	437662	20.45	ng/ul	97
50) 2,4-Dinitrophenol	14.43	184	42398	17.98	ng/ul#	91
52) 4-Nitrophenol	14.53	109	62674	20.58	ng/ul	89
53) Dibenzofuran	14.71	168	619291	20.46	ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	141731	22.27	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.94	232	104880	22.49	ng/ul	99
56) Diethylphthalate	15.14	149	471919	21.06	ng/ul	99
58) Fluorene	15.36	166	505993	20.35	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	239698	20.37	ng/ul	97
60) 4-Nitroaniline	15.38	138	101546	20.05	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	83036	20.23	ng/ul	95
64) N-Nitrosodiphenylamine	15.57	169	428964	21.05	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	135206	21.16	ng/ul	94
66) Hexachlorobenzene	16.36	284	148666	20.71	ng/ul	96
67) Atrazine	16.52	200	141283	21.18	ng/ul	96
68) Pentachlorophenol	16.71	266	75187	19.98	ng/ul	98
69) Phenanthrene	17.10	178	805470	20.65	ng/ul	100
71) Anthracene	17.19	178	818836	20.64	ng/ul	99
72) Carbazole	17.46	167	752310	21.17	ng/ul	100
73) Di-n-butylphthalate	18.03	149	797695	22.77	ng/ul	99
74) Fluoranthene	19.12	202	917918	21.43	ng/ul	100
77) Pyrene	19.49	202	983690	20.39	ng/ul	99
78) Butylbenzylphthalate	20.39	149	362307	23.52	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.17	252	277955	23.99	ng/ul	97
80) Benzo(a)anthracene	21.24	228	943200	20.96	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	546670	24.06	ng/ul	100
82) Chrysene	21.29	228	911662	20.91	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	952782	21.42	ng/ul	100
85) Benzo(b)fluoranthene	22.80	252	929180	20.85	ng/ul	99
86) Benzo(k)fluoranthene	22.84	252	906723	20.98	ng/ul	99
88) Benzo(a)pyrene	23.37	252	897494	20.85	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.68	276	993646	20.97	ng/ul	97
90) Dibenzo(a,h)anthracene	25.69	278	836966	20.82	ng/ul	98
91) Benzo(g,h,i)perylene	26.36	276	838272	20.65	ng/ul	100

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

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