Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007794.D
Acq On : 09 Nov 2016 13:23
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02051

Quant Time: Nov 09 16:38:00 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 16:26:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	159180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	604804	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	401799	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	804274	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1043940	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1065294	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	30514	8.21	ng/uL	0.00
5) Phenol-d5	6.92	99	254586	20.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	152477	20.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	204878	21.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	201650	20.98	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	94556	21.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	102936	22.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	203474	22.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	245703	23.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	587121	21.46	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	717425	21.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	90131	20.84	ng/ul	0.00
57) Fluorene-d10	15.37	176	512747	21.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	92759	19.41	ng/ul	0.00
70) Anthracene-d10	17.22	188	794771	21.93	ng/ul	0.00
76) Pyrene-d10	19.52	212	914234	21.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1012614	21.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	33047	8.13	ng/uL	96
4) Benzaldehyde	6.90	77	183686	23.64	ng/ul	95
6) Phenol	6.95	94	265261	21.04	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.18	93	204490	21.05	ng/ul	99
10) 2-Chlorophenol	7.31	128	203465	21.05	ng/ul	97
11) 2-Methylphenol	8.19	108	191610	20.87	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	228099	21.18	ng/ul	98
14) Acetophenone	8.56	105	317773	21.08	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	163783	21.89	ng/ul	95
16) 4-Methylphenol	8.52	108	210804	21.31	ng/ul	99
17) Hexachloroethane	8.80	117	91112	21.33	ng/ul	95
20) Nitrobenzene	8.94	77	253411	22.64	ng/ul	97
21) Isophorone	9.46	82	430843	22.50	ng/ul	99
23) 2-Nitrophenol	9.65	139	110892	23.00	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	246948	22.45	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	258706	22.09	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	201149	22.51	ng/ul	96
28) Naphthalene	10.57	128	634191	21.55	ng/ul	99
30) 4-Chloroaniline	10.69	127	241744	23.01	ng/ul	92
31) Hexachlorobutadiene	10.85	225	156656	21.52	ng/ul	99
32) Caprolactam	11.47	113	53549	21.61	ng/ul	96
33) 4-Chloro-3-methylphenol	11.82	107	215960	23.05	ng/ul	93
34) 2-Methylnaphthalene	12.19	142	455350	21.76	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	277052	21.36	ng/ul	97
37) Hexachlorocyclopentadiene	12.53	237	120086	15.72	ng/ul	97
38) 2,4,6-Trichlorophenol	12.80	196	160215	22.21	ng/ul	99
39) 2,4,5-Trichlorophenol	12.88	196	169686	21.48	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	597071	21.08	ng/ul	97
41) 2-Chloronaphthalene	13.25	162	462326	21.33	ng/ul	98
42) 2-Nitroaniline	13.46	65	129818	22.58	ng/ul	93
44) Dimethylphthalate	13.84	163	572246	21.54	ng/ul	100
45) 2,6-Dinitrotoluene	13.96	165	113014	22.61	ng/ul	94
47) Acenaphthylene	14.10	152	731365	21.91	ng/ul	99
48) 3-Nitroaniline	14.29	138	114746	23.22	ng/ul	96
49) Acenaphthene	14.44	153	488530	21.20	ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	57012	18.53	ng/ul	92
52) 4-Nitrophenol	14.61	109	87868	20.48	ng/ul	95
53) Dibenzofuran	14.77	168	710324	21.47	ng/ul	98
54) 2,4-Dinitrotoluene	14.76	165	164025	22.75	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.01	232	155342	22.04	ng/ul#	95
56) Diethylphthalate	15.20	149	569810	21.67	ng/ul	99
58) Fluorene	15.43	166	581347	22.01	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	303051	21.53	ng/ul	97
60) 4-Nitroaniline	15.46	138	109185	21.91	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.52	198	96740	19.60	ng/ul	97
64) N-Nitrosodiphenylamine	15.64	169	496734	21.61	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	198337	21.62	ng/ul	98
66) Hexachlorobenzene	16.43	284	219274	21.58	ng/ul	99
67) Atrazine	16.59	200	188499	21.28	ng/ul	99
68) Pentachlorophenol	16.78	266	115259	20.24	ng/ul	97
69) Phenanthrene	17.17	178	916338	21.43	ng/ul	100
71) Anthracene	17.26	178	950068	21.82	ng/ul	99
72) Carbazole	17.53	167	818826	21.73	ng/ul	99
73) Di-n-butylphthalate	18.09	149	940098	22.40	ng/ul	99
74) Fluoranthene	19.19	202	1105669	22.12	ng/ul	99
77) Pyrene	19.55	202	1153615	21.39	ng/ul	99
78) Butylbenzylphthalate	20.44	149	430663	22.44	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.23	252	408477	22.03	ng/ul	100
80) Benzo(a)anthracene	21.30	228	1215201	21.78	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	631402	22.35	ng/ul	100
82) Chrysene	21.35	228	1164204	21.72	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1118414	20.71	ng/ul	100
85) Benzo(b)fluoranthene	22.89	252	1279576	21.02	ng/ul	100
86) Benzo(k)fluoranthene	22.93	252	1222758	21.83	ng/ul	100
88) Benzo(a)pyrene	23.47	252	1242073	21.67	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.83	276	1481320	21.57	ng/ul	99
90) Dibenzo(a,h)anthracene	25.84	278	1239816	21.40	ng/ul	99
91) Benzo(g,h,i)perylene	26.53	276	1224071	21.23	ng/ul	97

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

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