Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008338.D
Acq On : 15 Dec 2016 12:09
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Manual Integrations APPROVED
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12/16/2016 6:19:46 PM

Quant Time: Dec 16 02:33:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:56:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	115216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	450472	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	293108	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	576446	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	745255	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	755087	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	21601	8.82	ng/uL	0.00
5) Phenol-d5	6.86	99	185204	20.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	112011	21.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	146415	21.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	142033	20.52	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	69112	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	75822	21.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	143756	21.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	162616	21.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	411254	21.11	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	502324	21.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	45113	15.72	ng/ul	0.00
57) Fluorene-d10	15.30	176	361064	21.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	60351	17.59	ng/ul	0.00
70) Anthracene-d10	17.16	188	543915	21.66	ng/ul	0.00
76) Pyrene-d10	19.46	212	622196	21.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	692022	21.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	23751	8.30	ng/uL	97
4) Benzaldehyde	6.83	77	139445	23.57	ng/ul	96
6) Phenol	6.88	94	191519	20.64	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.10	93	147829	21.34	ng/ul	98
10) 2-Chlorophenol	7.24	128	147325	21.69	ng/ul	99
11) 2-Methylphenol	8.12	108	138383	20.37	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	177702	22.56	ng/ul	99
14) Acetophenone	8.49	105	231696	20.47	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	123488	21.23	ng/ul	97
16) 4-Methylphenol	8.45	108	149916	20.35	ng/ul	95
17) Hexachloroethane	8.72	117	68539	22.13	ng/ul	95
20) Nitrobenzene	8.87	77	191763	22.85	ng/ul	99
21) Isophorone	9.39	82	323651	21.45	ng/ul	99
23) 2-Nitrophenol	9.57	139	80277	21.76	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	178096	21.61	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.87	93	187389	21.87	ng/ul	96
27) 2,4-Dichlorophenol	10.11	162	144794	21.73	ng/ul	97
28) Naphthalene	10.49	128	459411	21.54	ng/ul	99
30) 4-Chloroaniline	10.63	127	169145	22.15	ng/ul	96
31) Hexachlorobutadiene	10.76	225	118508	21.89	ng/ul	97
32) Caprolactam	11.43	113	36187	17.31	ng/ul	91
33) 4-Chloro-3-methylphenol	11.76	107	149258	20.70	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	328555	21.32	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	204284	22.26	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	65241	17.60	ng/ul	96
38) 2,4,6-Trichlorophenol	12.75	196	114391	21.96	ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	116111	20.43	ng/ul	99
40) 1,1'-Biphenyl	13.13	154	432353	22.11	ng/ul	98
41) 2-Chloronaphthalene	13.18	162	333212	22.23	ng/ul	99
42) 2-Nitroaniline	13.41	65	94101	21.22	ng/ul	96
44) Dimethylphthalate	13.77	163	404858	21.20	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	79718	21.43	ng/ul	97
47) Acenaphthylene	14.03	152	515390	22.00	ng/ul	100
48) 3-Nitroaniline	14.25	138	73446	19.81	ng/ul	96
49) Acenaphthene	14.37	153	349692	21.71	ng/ul	100
50) 2,4-Dinitrophenol	14.49	184	28050	13.00	ng/ul	93
52) 4-Nitrophenol	14.57	109	46613	16.93	ng/ul	92
53) Dibenzofuran	14.71	168	508407	21.66	ng/ul	96
54) 2,4-Dinitrotoluene	14.72	165	114486	20.55	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.95	232	107653	20.51	ng/ul	96
56) Diethylphthalate	15.14	149	394837	20.78	ng/ul	98
58) Fluorene	15.36	166	416326	21.59	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	223253	21.78	ng/ul	99
60) 4-Nitroaniline	15.42	138	71514m	20.05	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.48	198	63259	17.99	ng/ul	98
64) N-Nitrosodiphenylamine	15.58	169	346404	22.08	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	139023	21.97	ng/ul	96
66) Hexachlorobenzene	16.37	284	152882	21.32	ng/ul	96
67) Atrazine	16.54	200	130530	20.30	ng/ul	99
68) Pentachlorophenol	16.73	266	69482	17.91	ng/ul	98
69) Phenanthrene	17.10	178	649543	21.99	ng/ul	100
71) Anthracene	17.20	178	658117	21.95	ng/ul	99
72) Carbazole	17.48	167	551665	20.89	ng/ul	99
73) Di-n-butylphthalate	18.03	149	626161	21.20	ng/ul	99
74) Fluoranthene	19.13	202	754357	20.79	ng/ul	97
77) Pyrene	19.49	202	792519	21.66	ng/ul	100
78) Butylbenzylphthalate	20.39	149	278799	21.25	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.19	252	279415	21.39	ng/ul	98
80) Benzo(a)anthracene	21.24	228	837118	21.73	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.16	149	406363	21.14	ng/ul	99
82) Chrysene	21.30	228	807054	21.79	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	726845	20.06	ng/ul	100
85) Benzo(b)fluoranthene	22.82	252	877044	21.52	ng/ul	98
86) Benzo(k)fluoranthene	22.87	252	855819	21.94	ng/ul	99
88) Benzo(a)pyrene	23.40	252	862854	21.97	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	1033981	21.68	ng/ul	99
90) Dibenzo(a,h)anthracene	25.73	278	882561	22.04	ng/ul	98
91) Benzo(g,h,i)perylene	26.42	276	884569	22.18	ng/ul	98

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

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