Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111416\
Data File : BM007871.D
Acq On : 15 Nov 2016 00:43
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Manual Integrations APPROVED
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11/15/2016 3:08:15 PM

Quant Time: Nov 15 03:45:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 02:47:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	170373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	643488	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	413089	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	817631	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	1065710	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1087974	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	33558	8.44	ng/uL	0.00
5) Phenol-d5	6.91	99	274042	20.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	164078	21.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	217795	21.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	211774	20.58	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	102590	22.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	110604	22.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	213284	22.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	256527	23.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	601623	21.39	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	727454	21.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	88107	19.81	ng/ul	0.00
57) Fluorene-d10	15.36	176	527601	21.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	91969	18.93	ng/ul	0.00
70) Anthracene-d10	17.22	188	806916	21.90	ng/ul	0.00
76) Pyrene-d10	19.52	212	925496	21.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1041954	21.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	35139	8.08	ng/uL	98
4) Benzaldehyde	6.89	77	201102	24.18	ng/ul	98
6) Phenol	6.94	94	281811	20.88	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	217407	20.91	ng/ul	98
10) 2-Chlorophenol	7.30	128	221424	21.40	ng/ul	99
11) 2-Methylphenol	8.17	108	203561	20.72	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	247212	21.44	ng/ul	97
14) Acetophenone	8.56	105	336617	20.86	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	174414	21.78	ng/ul	96
16) 4-Methylphenol	8.50	108	221188	20.89	ng/ul	98
17) Hexachloroethane	8.80	117	96542	21.12	ng/ul	96
20) Nitrobenzene	8.93	77	263624	22.13	ng/ul	98
21) Isophorone	9.45	82	453988	22.28	ng/ul	97
23) 2-Nitrophenol	9.64	139	115746	22.56	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	256792	21.94	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.93	93	270517	21.71	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	211883	22.29	ng/ul	97
28) Naphthalene	10.56	128	674891	21.56	ng/ul	99
30) 4-Chloroaniline	10.68	127	260099	23.27	ng/ul	98
31) Hexachlorobutadiene	10.84	225	171001	22.08	ng/ul	95
32) Caprolactam	11.47	113	55640m	21.11	ng/ul	
33) 4-Chloro-3-methylphenol	11.81	107	219995	22.07	ng/ul	93
34) 2-Methylnaphthalene	12.17	142	479326	21.53	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	286113	21.46	ng/ul	96
37) Hexachlorocyclopentadiene	12.52	237	150994	19.23	ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	162371	21.89	ng/ul	95
39) 2,4,5-Trichlorophenol	12.87	196	174314	21.46	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	622355	21.37	ng/ul	99
41) 2-Chloronaphthalene	13.24	162	477871	21.44	ng/ul	99
42) 2-Nitroaniline	13.46	65	133536	22.59	ng/ul	98
44) Dimethylphthalate	13.83	163	581195	21.28	ng/ul	100
45) 2,6-Dinitrotoluene	13.96	165	112242	21.85	ng/ul	91
47) Acenaphthylene	14.09	152	745995	21.73	ng/ul	99
48) 3-Nitroaniline	14.29	138	114854	22.61	ng/ul	96
49) Acenaphthene	14.43	153	502692	21.22	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	58661	18.54	ng/ul#	82
52) 4-Nitrophenol	14.60	109	85082	19.29	ng/ul	95
53) Dibenzofuran	14.77	168	732513	21.54	ng/ul	99
54) 2,4-Dinitrotoluene	14.75	165	168251	22.70	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.00	232	160631	22.17	ng/ul#	97
56) Diethylphthalate	15.19	149	574855	21.26	ng/ul	99
58) Fluorene	15.42	166	591698	21.79	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	312456	21.59	ng/ul	99
60) 4-Nitroaniline	15.46	138	107314	20.95	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.52	198	97389	19.41	ng/ul	97
64) N-Nitrosodiphenylamine	15.63	169	502937	21.52	ng/ul	99
65) 4-Bromophenyl-phenylether	16.31	248	199794	21.42	ng/ul	97
66) Hexachlorobenzene	16.42	284	218017	21.11	ng/ul	95
67) Atrazine	16.59	200	186986	20.77	ng/ul	97
68) Pentachlorophenol	16.77	266	116703	20.16	ng/ul	98
69) Phenanthrene	17.16	178	930767	21.42	ng/ul	100
71) Anthracene	17.25	178	951057	21.48	ng/ul	100
72) Carbazole	17.53	167	820550	21.42	ng/ul	98
73) Di-n-butylphthalate	18.08	149	941115	22.06	ng/ul	99
74) Fluoranthene	19.18	202	1104037	21.72	ng/ul	100
77) Pyrene	19.54	202	1160415	21.08	ng/ul	99
78) Butylbenzylphthalate	20.44	149	430111	21.96	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.23	252	426229	22.52	ng/ul	99
80) Benzo(a)anthracene	21.29	228	1229484	21.59	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	630131	21.85	ng/ul	100
82) Chrysene	21.34	228	1183718	21.63	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	1127480	20.44	ng/ul	99
85) Benzo(b)fluoranthene	22.88	252	1269921	20.43	ng/ul	98
86) Benzo(k)fluoranthene	22.92	252	1280458	22.39	ng/ul	99
88) Benzo(a)pyrene	23.46	252	1270577	21.70	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.82	276	1525121	21.74	ng/ul	99
90) Dibenzo(a,h)anthracene	25.82	278	1292762	21.85	ng/ul	98
91) Benzo(g,h,i)perylene	26.51	276	1275112	21.65	ng/ul	97

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

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