Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090917\
Data File : BM011486.D
Acq On : 09 Sep 2017 14:58
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
Sohil
9/11/2017 2:43:45 PM

Quant Time: Sep 11 03:47:58 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 11 02:59:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	433273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	1984644	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1210935	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	2711192	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	3208751	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	3057324	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	79119	8.21	ng/uL	0.00
5) Phenol-d5	7.13	99	806906	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	556140	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.51	132	629278	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.68	113	638604	19.66	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	301268	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	304414	19.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	630499	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	718384	20.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	1988476	19.42	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2443314	19.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	348588	18.12	ng/ul	0.00
58) Fluorene-d10	15.60	176	1742860	19.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.71	200	275918	17.49	ng/ul	0.00
71) Anthracene-d10	17.45	188	2699451	20.22	ng/ul	0.00
79) Pyrene-d10	19.73	212	2950219	19.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.74	264	2940951	20.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	85723	8.120	ng/uL#	67
4) Benzaldehyde	7.12	77	434876	18.293	ng/ul	94
6) Phenol	7.16	94	807023	19.542	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.40	93	639960	19.684	ng/ul	89
10) 2-Chlorophenol	7.54	128	609370	19.923	ng/ul	95
11) 2-Methylphenol	8.41	108	612942	19.575	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.51	45	1067328	20.254	ng/ul#	92
14) Acetophenone	8.80	105	994762	20.038	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.79	70	531179	19.939	ng/ul#	80
16) 4-Methylphenol	8.74	108	682256	19.913	ng/ul	91
17) Hexachloroethane	9.06	117	228647	19.555	ng/ul	83
20) Nitrobenzene	9.19	77	705765	19.922	ng/ul	93
21) Isophorone	9.71	82	1403033	19.670	ng/ul#	97
23) 2-Nitrophenol	9.90	139	325390	19.774	ng/ul#	92
24) 2,4-Dimethylphenol	9.95	107	708345	20.118	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.19	93	916736	19.711	ng/ul	98
27) 2,4-Dichlorophenol	10.43	162	609092	20.038	ng/ul	98
28) Naphthalene	10.84	128	2053991	19.958	ng/ul	98
30) 4-Chloroaniline	10.95	127	673995	20.388	ng/ul	98
31) Hexachlorobutadiene	11.12	225	351648	20.383	ng/ul	97
32) Caprolactam	11.72	113	185490m	19.385	ng/ul	
33) 4-Chloro-3-methylphenol	12.06	107	646156	20.050	ng/ul	94
34) 2-Methylnaphthalene	12.44	142	1522062	19.915	ng/ul	99

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35) 1-Methylnaphthalene	12.66	142	1460040	20.058	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	713174	19.854	ng/ul#	97
38) Hexachlorocyclopentadiene	12.79	237	347563	17.262	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.04	196	469202	19.185	ng/ul	97
40) 2,4,5-Trichlorophenol	13.11	196	481833	19.431	ng/ul	96
41) 1,1'-Biphenyl	13.45	154	1983715	19.686	ng/ul#	95
42) 2-Chloronaphthalene	13.49	162	1480715	19.529	ng/ul	99
43) 2-Nitroaniline	13.69	65	452104	19.198	ng/ul	87
45) Dimethylphthalate	14.06	163	1913438	19.522	ng/ul#	98
46) 2,6-Dinitrotoluene	14.18	165	343039	19.817	ng/ul	96
48) Acenaphthylene	14.33	152	2483176	19.927	ng/ul	99
49) 3-Nitroaniline	14.51	138	401314	18.802	ng/ul	99
50) Acenaphthene	14.67	153	1645614	19.544	ng/ul	98
51) 2,4-Dinitrophenol	14.71	184	179026	16.739	ng/ul#	78
53) 4-Nitrophenol	14.80	109	232769m	18.825	ng/ul	
54) Dibenzofuran	15.00	168	2328361	19.769	ng/ul	97
55) 2,4-Dinitrotoluene	14.96	165	501685	19.715	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.23	232	446141	19.741	ng/ul#	81
57) Diethylphthalate	15.42	149	1962921	19.244	ng/ul	96
59) Fluorene	15.65	166	1975549	20.014	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.65	204	922961	19.957	ng/ul	93
61) 4-Nitroaniline	15.67	138	423465	18.521	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.72	198	290535	17.973	ng/ul	94
65) N-Nitrosodiphenylamine	15.86	169	1644064	19.908	ng/ul	99
66) 4-Bromophenyl-phenylether	16.54	248	546865	19.748	ng/ul	95
67) Hexachlorobenzene	16.65	284	607060	19.915	ng/ul#	89
68) Atrazine	16.80	200	543515	18.995	ng/ul	95
69) Pentachlorophenol	16.99	266	350232	17.894	ng/ul	98
70) Phenanthrene	17.39	178	3037511	20.100	ng/ul	99
72) Anthracene	17.48	178	3165873	20.416	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	711384	19.691	ng/uL	98
74) Pentachlorobenzene	14.93	250	731988	19.977	ng/uL	97
75) Carbazole	17.75	167	2773595	20.965	ng/ul	99
76) Di-n-butylphthalate	18.30	149	3499907	20.142	ng/ul	99
77) Fluoranthene	19.40	202	3532136	22.724	ng/ul#	90
80) Pyrene	19.76	202	3795995	20.276	ng/ul#	84
81) Butylbenzylphthalate	20.64	149	1590688	18.476	ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.43	252	1158740	19.885	ng/ul#	97
83) Benzo(a)anthracene	21.50	228	3602226	20.389	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	2442143	18.470	ng/ul#	97
85) Chrysene	21.55	228	3281422	20.487	ng/ul	99
87) Di-n-octyl phthalate	22.32	149	4334460	19.976	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	3550399	19.303	ng/ul#	96
89) Benzo(k)fluoranthene	23.22	252	3610933	20.442	ng/ul#	96
91) Benzo(a)pyrene	23.79	252	3510043	20.218	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.33	276	4055128	21.234	ng/ul#	87
93) Dibenzo(a,h)anthracene	26.34	278	3420394	21.122	ng/ul#	94
94) Benzo(g,h,i)perylene	27.08	276	3308356	21.392	ng/ul#	91

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

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