Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008893.D
Acq On : 27 Jan 2017 02:46
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
mohammad
1/27/2017 3:08:09 PM

Quant Time: Jan 27 13:16:17 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 12:41:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	71563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	300578	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	241438	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	547281m	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	674029	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	580929	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	13290	9.18	ng/uL	0.00
5) Phenol-d5	7.07	99	129272	21.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	109183	22.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.45	132	83086	21.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	93897	19.78	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	38784	20.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.81	143	50499	21.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	103244	21.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	100746	19.01	ng/ul	-0.01
43) Dimethylphthalate-d6	13.97	166	340432	21.52	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	403085	21.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	55407	20.94	ng/ul	0.00
57) Fluorene-d10	15.56	176	320699	21.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	62823	19.28	ng/ul	0.00
70) Anthracene-d10	17.41	188	521508	21.79	ng/ul	0.00
76) Pyrene-d10	19.70	212	609303	20.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.68	264	547408	22.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	16648	9.49	ng/uL#	47
4) Benzaldehyde	7.07	77	91617	18.37	ng/ul#	69
6) Phenol	7.10	94	133737	20.24	ng/ul#	43
8) Bis(2-Chloroethyl)ether	7.35	93	105350	21.28	ng/ul#	68
10) 2-Chlorophenol	7.49	128	87274	21.39	ng/ul#	54
11) 2-Methylphenol	8.36	108	95728	20.20	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.46	45	199379	21.43	ng/ul#	89
14) Acetophenone	8.75	105	173070	19.89	ng/ul#	55
15) N-Nitroso-di-n-propylamine	8.73	70	122315	21.58	ng/ul#	67
16) 4-Methylphenol	8.68	108	103833	20.33	ng/ul	96
17) Hexachloroethane	9.00	117	55190	21.93	ng/ul	95
20) Nitrobenzene	9.13	77	191942	22.77	ng/ul#	80
21) Isophorone	9.66	82	288044	21.17	ng/ul#	90
23) 2-Nitrophenol	9.85	139	53359	22.12	ng/ul#	23
24) 2,4-Dimethylphenol	9.89	107	147775	21.49	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.13	93	146865	21.66	ng/ul	97
27) 2,4-Dichlorophenol	10.37	162	106661	22.31	ng/ul	92
28) Naphthalene	10.78	128	299654	21.59	ng/ul	99
30) 4-Chloroaniline	10.89	127	109723	20.21	ng/ul	97
31) Hexachlorobutadiene	11.06	225	101016	21.85	ng/ul	96
32) Caprolactam	11.67	113	26389m	17.95	ng/ul	
33) 4-Chloro-3-methylphenol	12.00	107	130613	21.06	ng/ul	92
34) 2-Methylnaphthalene	12.39	142	236657	21.01	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.75	216	167602	22.60	ng/ul#	95
37) Hexachlorocyclopentadiene	12.73	237	113299	19.76	ng/ul	95
38) 2,4,6-Trichlorophenol	12.99	196	96547	21.57	ng/ul	95
39) 2,4,5-Trichlorophenol	13.06	196	103744m	21.58	ng/ul	
40) 1,1'-Biphenyl	13.40	154	333159	22.33	ng/ul#	97
41) 2-Chloronaphthalene	13.44	162	261178	22.25	ng/ul	97
42) 2-Nitroaniline	13.64	65	129258	22.18	ng/ul#	61
44) Dimethylphthalate	14.02	163	338866	21.43	ng/ul	99
45) 2,6-Dinitrotoluene	14.14	165	63242	20.87	ng/ul#	64
47) Acenaphthylene	14.29	152	391022	21.67	ng/ul	99
48) 3-Nitroaniline	14.47	138	61371	21.42	ng/ul#	57
49) Acenaphthene	14.63	153	279647	22.05	ng/ul	94
50) 2,4-Dinitrophenol	14.67	184	36532	16.79	ng/ul#	50
52) 4-Nitrophenol	14.76	109	114325	20.96	ng/ul#	71
53) Dibenzofuran	14.96	168	414583	21.25	ng/ul#	83
54) 2,4-Dinitrotoluene	14.92	165	96892	20.83	ng/ul#	59
55) 2,3,4,6-Tetrachlorophenol	15.18	232	100439	20.80	ng/ul#	88
56) Diethylphthalate	15.37	149	370317	21.53	ng/ul	95
58) Fluorene	15.61	166	357400	21.93	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.60	204	203095	21.51	ng/ul	97
60) 4-Nitroaniline	15.63	138	70134	21.96	ng/ul#	12
63) 4,6-Dinitro-2-methylphenol	15.69	198	66462	19.71	ng/ul#	74
64) N-Nitrosodiphenylamine	15.82	169	307127	22.19	ng/ul	99
65) 4-Bromophenyl-phenylether	16.50	248	129311m	21.76	ng/ul	
66) Hexachlorobenzene	16.61	284	143356	22.24	ng/ul	95
67) Atrazine	16.76	200	129848m	20.49	ng/ul	
68) Pentachlorophenol	16.95	266	87923	20.78	ng/ul	97
69) Phenanthrene	17.35	178	582924m	21.62	ng/ul	
71) Anthracene	17.44	178	611722	22.18	ng/ul	98
72) Carbazole	17.71	167	511324	21.15	ng/ul	97
73) Di-n-butylphthalate	18.26	149	634606	21.82	ng/ul#	96
74) Fluoranthene	19.36	202	743202	21.22	ng/ul#	95
77) Pyrene	19.72	202	766258	21.19	ng/ul#	95
78) Butylbenzylphthalate	20.61	149	285253	21.19	ng/ul#	75
79) 3,3'-Dichlorobenzidine	21.40	252	266417	21.14	ng/ul#	99
80) Benzo(a)anthracene	21.46	228	776725	21.43	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.37	149	403660	21.58	ng/ul	100
82) Chrysene	21.52	228	721378	21.41	ng/ul	99
84) Di-n-octyl phthalate	22.29	149	682016	20.23	ng/ul#	80
85) Benzo(b)fluoranthene	23.12	252	735912	21.81	ng/ul#	98
86) Benzo(k)fluoranthene	23.17	252	666689	20.80	ng/ul#	97
88) Benzo(a)pyrene	23.73	252	674476	21.78	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.24	276	723565	23.27	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.26	278	623486	23.17	ng/ul#	94
91) Benzo(g,h,i)perylene	26.99	276	590143	23.35	ng/ul#	93

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

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