Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050417\
Data File : BM009893.D
Acq On : 04 May 2017 18:18
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02049

Manual Integrations APPROVED
mohammad
5/5/2017 3:09:33 PM

Quant Time: May 05 02:22:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 01:34:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	67114	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	334773	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	232641	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	608341	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	888544	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	943534	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	12171	8.35	ng/uL	0.00
5) Phenol-d5	7.00	99	155651	21.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.14	67	106812	21.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	99405	21.43	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	124165	21.85	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	54137	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	62896	21.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	117289	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	152469	22.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	419050	20.71	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	494614	20.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	62097	15.90	ng/ul	0.02
57) Fluorene-d10	15.46	176	366334	20.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	63573	14.81	ng/ul	0.01
70) Anthracene-d10	17.31	188	610378	19.54	ng/ul	0.00
76) Pyrene-d10	19.61	212	720605	18.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	908302	19.79	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	13863	7.72	ng/uL#	67
4) Benzaldehyde	6.96	77	113246	23.84	ng/ul#	86
6) Phenol	7.02	94	159336	21.14	ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.23	93	113707	20.09	ng/ul	86
10) 2-Chlorophenol	7.37	128	98815	20.81	ng/ul#	80
11) 2-Methylphenol	8.26	108	112730	20.78	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.33	45	200462	21.21	ng/ul	96
14) Acetophenone	8.63	105	200146	21.41	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.61	70	134291	23.13	ng/ul#	92
16) 4-Methylphenol	8.60	108	130922	21.81	ng/ul	92
17) Hexachloroethane	8.86	117	45566	20.66	ng/ul	96
20) Nitrobenzene	9.02	77	180704	20.42	ng/ul#	89
21) Isophorone	9.54	82	334504	21.35	ng/ul#	94
23) 2-Nitrophenol	9.73	139	64811	20.76	ng/ul#	52
24) 2,4-Dimethylphenol	9.79	107	158104	20.37	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.01	93	179901	19.81	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	110262	19.51	ng/ul	93
28) Naphthalene	10.65	128	342646	19.22	ng/ul	99
30) 4-Chloroaniline	10.77	127	150404	21.80	ng/ul	99
31) Hexachlorobutadiene	10.91	225	72947	18.48	ng/ul	95
32) Caprolactam	11.59	113	51613m	24.19	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	151669	21.54	ng/ul	86
34) 2-Methylnaphthalene	12.27	142	268780	19.60	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	153956	19.51	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	35903	8.52	ng/ul#	93
38) 2,4,6-Trichlorophenol	12.89	196	107740	20.11	ng/ul	100
39) 2,4,5-Trichlorophenol	12.98	196	112876	20.43	ng/ul	96
40) 1,1'-Biphenyl	13.29	154	361751	18.91	ng/ul	92
41) 2-Chloronaphthalene	13.33	162	289685	19.69	ng/ul	95
42) 2-Nitroaniline	13.56	65	150434	23.99	ng/ul#	86
44) Dimethylphthalate	13.91	163	409624	20.46	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	87490	21.76	ng/ul#	75
47) Acenaphthylene	14.18	152	475104	19.74	ng/ul	99
48) 3-Nitroaniline	14.39	138	91510	23.05	ng/ul#	80
49) Acenaphthene	14.52	153	320453	19.58	ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	44324	16.53	ng/ul#	83
52) 4-Nitrophenol	14.73	109	73911	16.52	ng/ul#	66
53) Dibenzofuran	14.86	168	477382	19.92	ng/ul	96
54) 2,4-Dinitrotoluene	14.85	165	131698	21.73	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.10	232	87403	16.31	ng/ul#	97
56) Diethylphthalate	15.27	149	523595	23.99	ng/ul	96
58) Fluorene	15.51	166	399122	19.51	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.50	204	200805	18.94	ng/ul	97
60) 4-Nitroaniline	15.56	138	94368	20.36	ng/ul#	42
63) 4,6-Dinitro-2-methylphenol	15.63	198	62080	14.02	ng/ul#	87
64) N-Nitrosodiphenylamine	15.72	169	354179	18.97	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	129612	18.66	ng/ul	93
66) Hexachlorobenzene	16.52	284	142880	18.79	ng/ul	93
67) Atrazine	16.67	200	149979	20.03	ng/ul	98
68) Pentachlorophenol	16.87	266	63037	13.45	ng/ul#	84
69) Phenanthrene	17.26	178	662256	18.94	ng/ul	98
71) Anthracene	17.34	178	701333	19.17	ng/ul	98
72) Carbazole	17.63	167	623284	18.93	ng/ul	99
73) Di-n-butylphthalate	18.16	149	844161	21.05	ng/ul	97
74) Fluoranthene	19.27	202	854604	19.38	ng/ul#	92
77) Pyrene	19.64	202	902001	17.97	ng/ul#	90
78) Butylbenzylphthalate	20.52	149	422624	20.31	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.32	252	314177	19.12	ng/ul	97
80) Benzo(a)anthracene	21.39	228	1036024	19.66	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	661216	20.97	ng/ul	99
82) Chrysene	21.43	228	921679	19.43	ng/ul	98
84) Di-n-octyl phthalate	22.17	149	1197646	17.37	ng/ul#	91
85) Benzo(b)fluoranthene	23.02	252	1155421	18.86	ng/ul#	95
86) Benzo(k)fluoranthene	23.06	252	1066440	19.00	ng/ul#	97
88) Benzo(a)pyrene	23.61	252	1114043	19.54	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	1411913	22.88	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.09	278	1207975	22.98	ng/ul#	94
91) Benzo(g,h,i)perylene	26.81	276	1171808	23.62	ng/ul#	94

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

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