Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008808.D
Acq On : 23 Jan 2017 17:17
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02042

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:24 PM

Quant Time: Jan 24 03:41:27 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 02:55:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	68910	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	309753	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	261380	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	644859	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	803650	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	665697	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	13208	9.47	ng/uL	0.00
5) Phenol-d5	7.09	99	126663	21.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	101093	21.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	84477	22.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	97937	21.43	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	43726	22.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	51008	21.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	109362	21.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	121769	22.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	386450	22.57	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	439431	21.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	64776	22.61	ng/ul	0.00
57) Fluorene-d10	15.57	176	363498	22.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	75444	19.65	ng/ul	0.00
70) Anthracene-d10	17.42	188	611519	21.68	ng/ul	0.00
76) Pyrene-d10	19.70	212	753605	21.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	616339	21.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	15047	8.91	ng/uL#	36
4) Benzaldehyde	7.09	77	122560	25.52	ng/ul#	73
6) Phenol	7.12	94	136753	21.49	ng/ul#	42
8) Bis(2-Chloroethyl)ether	7.36	93	101301	21.25	ng/ul#	66
10) 2-Chlorophenol	7.50	128	88055	22.41	ng/ul#	62
11) 2-Methylphenol	8.37	108	100502	22.02	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.47	45	199801	22.30	ng/ul#	88
14) Acetophenone	8.77	105	182212	21.75	ng/ul#	59
15) N-Nitroso-di-n-propylamine	8.75	70	119062	21.81	ng/ul#	60
16) 4-Methylphenol	8.70	108	105931	21.54	ng/ul	94
17) Hexachloroethane	9.02	117	54039	22.30	ng/ul	97
20) Nitrobenzene	9.15	77	189394	21.80	ng/ul#	80
21) Isophorone	9.67	82	305964	21.82	ng/ul#	90
23) 2-Nitrophenol	9.85	139	52448	21.10	ng/ul#	1
24) 2,4-Dimethylphenol	9.90	107	157629	22.24	ng/ul#	78
25) Bis(2-Chloroethoxy)methane	10.15	93	151269	21.65	ng/ul	98
27) 2,4-Dichlorophenol	10.39	162	100766	20.45	ng/ul#	86
28) Naphthalene	10.79	128	308056	21.54	ng/ul	96
30) 4-Chloroaniline	10.90	127	129110	23.07	ng/ul#	88
31) Hexachlorobutadiene	11.07	225	98894	20.75	ng/ul	98
32) Caprolactam	11.69	113	31731m	20.94	ng/ul	
33) 4-Chloro-3-methylphenol	12.01	107	137016	21.43	ng/ul	86
34) 2-Methylnaphthalene	12.40	142	250574	21.58	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	172448	21.48	ng/ul#	97
37) Hexachlorocyclopentadiene	12.74	237	126778	20.42	ng/ul	96
38) 2,4,6-Trichlorophenol	13.00	196	106853	22.05	ng/ul	98
39) 2,4,5-Trichlorophenol	13.07	196	112979	21.71	ng/ul	99
40) 1,1'-Biphenyl	13.41	154	351468	21.75	ng/ul#	98
41) 2-Chloronaphthalene	13.45	162	279134	21.96	ng/ul	95
42) 2-Nitroaniline	13.66	65	137282	21.76	ng/ul#	66
44) Dimethylphthalate	14.03	163	385480	22.52	ng/ul	98
45) 2,6-Dinitrotoluene	14.15	165	72341	22.05	ng/ul#	61
47) Acenaphthylene	14.30	152	426025	21.81	ng/ul	98
48) 3-Nitroaniline	14.48	138	70405	22.69	ng/ul#	56
49) Acenaphthene	14.64	153	304603	22.18	ng/ul	96
50) 2,4-Dinitrophenol	14.68	184	48915	20.76	ng/ul#	50
52) 4-Nitrophenol	14.77	109	137359	23.26	ng/ul#	61
53) Dibenzofuran	14.97	168	469480	22.23	ng/ul	92
54) 2,4-Dinitrotoluene	14.93	165	112316	22.30	ng/ul#	63
55) 2,3,4,6-Tetrachlorophenol	15.19	232	115801	22.15	ng/ul#	88
56) Diethylphthalate	15.39	149	422316	22.68	ng/ul	95
58) Fluorene	15.62	166	399845	22.66	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.62	204	232627	22.76	ng/ul	94
60) 4-Nitroaniline	15.64	138	79506	22.99	ng/ul#	5
63) 4,6-Dinitro-2-methylphenol	15.69	198	80742	20.33	ng/ul#	62
64) N-Nitrosodiphenylamine	15.83	169	354885	21.76	ng/ul	98
65) 4-Bromophenyl-phenylether	16.51	248	149635	21.37	ng/ul	94
66) Hexachlorobenzene	16.62	284	165010	21.73	ng/ul#	87
67) Atrazine	16.77	200	161375	21.61	ng/ul	98
68) Pentachlorophenol	16.96	266	101916	20.44	ng/ul	96
69) Phenanthrene	17.36	178	690018	21.72	ng/ul	99
71) Anthracene	17.45	178	707255	21.77	ng/ul	99
72) Carbazole	17.72	167	614748	21.58	ng/ul	97
73) Di-n-butylphthalate	18.27	149	772144	22.53	ng/ul#	96
74) Fluoranthene	19.37	202	892781	21.63	ng/ul#	95
77) Pyrene	19.73	202	915366	21.23	ng/ul#	94
78) Butylbenzylphthalate	20.62	149	344537	21.46	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.40	252	340239	22.64	ng/ul	99
80) Benzo(a)anthracene	21.47	228	935401	21.65	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.39	149	476712	21.38	ng/ul	98
82) Chrysene	21.52	228	866064	21.56	ng/ul	98
84) Di-n-octyl phthalate	22.30	149	775603	20.08	ng/ul#	81
85) Benzo(b)fluoranthene	23.13	252	834144	21.57	ng/ul#	97
86) Benzo(k)fluoranthene	23.18	252	792955	21.59	ng/ul#	98
88) Benzo(a)pyrene	23.74	252	776073	21.87	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.27	276	745746	20.93	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.28	278	652910	21.18	ng/ul#	94
91) Benzo(g,h,i)perylene	27.01	276	600592	20.74	ng/ul#	90

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

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