Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008770.D
Acq On : 21 Jan 2017 12:40
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Manual Integrations APPROVED
mohammad
1/23/2017 2:48:24 PM

Quant Time: Jan 23 03:52:34 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 10 05:39:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	45631	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	193487	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.59	164	179048	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	471724m	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	675491	20.00	ng/ul	0.00
83) Perylene-d12	23.86	264	647402	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	8889	9.00	ng/uL	0.00
5) Phenol-d5	7.10	99	76260	20.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	60648	23.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	49233	18.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	56194	19.33	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	25722	21.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	29096	22.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	62000	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	69905	21.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	217315	18.40	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	258229	18.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	35901	18.58	ng/ul	0.00
57) Fluorene-d10	15.57	176	224803	20.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	47468	19.52	ng/ul	0.00
70) Anthracene-d10	17.43	188	399761	19.67	ng/ul	0.00
76) Pyrene-d10	19.71	212	529049	17.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	530449	20.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	11897	10.13	ng/uL#	51
4) Benzaldehyde	7.10	77	74769	27.37	ng/ul#	79
6) Phenol	7.13	94	86615	21.50	ng/ul#	49
8) Bis(2-Chloroethyl)ether	7.37	93	61728	20.90	ng/ul#	68
10) 2-Chlorophenol	7.52	128	52266	19.54	ng/ul#	61
11) 2-Methylphenol	8.39	108	57600	19.46	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.49	45	120265	26.31	ng/ul#	90
14) Acetophenone	8.78	105	111319	21.79	ng/ul#	54
15) N-Nitroso-di-n-propylamine	8.76	70	72176	24.89	ng/ul#	66
16) 4-Methylphenol	8.71	108	64653	20.23	ng/ul#	77
17) Hexachloroethane	9.03	117	32391	22.85	ng/ul#	78
20) Nitrobenzene	9.16	77	109255	25.77	ng/ul#	79
21) Isophorone	9.69	82	178024	23.74	ng/ul#	87
23) 2-Nitrophenol	9.87	139	28992	20.88	ng/ul#	6
24) 2,4-Dimethylphenol	9.92	107	91864	23.36	ng/ul#	81
25) Bis(2-Chloroethoxy)methane	10.16	93	85150	21.47	ng/ul	94
27) 2,4-Dichlorophenol	10.40	162	61852	20.91	ng/ul#	89
28) Naphthalene	10.81	128	174380	19.72	ng/ul	98
30) 4-Chloroaniline	10.92	127	74074	21.83	ng/ul	93
31) Hexachlorobutadiene	11.09	225	58771	22.16	ng/ul	92
32) Caprolactam	11.69	113	17715	19.56	ng/ul#	59
33) 4-Chloro-3-methylphenol	12.02	107	77146	21.70	ng/ul	86
34) 2-Methylnaphthalene	12.41	142	141445	20.63	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	106296	19.81 ng/ul#	94
37) Hexachlorocyclopentadiene	12.75	237	67971	17.81 ng/ul	98
38) 2,4,6-Trichlorophenol	13.01	196	61212	18.89 ng/ul	94
39) 2,4,5-Trichlorophenol	13.08	196	64073	18.35 ng/ul	92
40) 1,1'-Biphenyl	13.42	154	203785	18.15 ng/ul	96
41) 2-Chloronaphthalene	13.46	162	163614	18.57 ng/ul	93
42) 2-Nitroaniline	13.66	65	84376	27.51 ng/ul#	57
44) Dimethylphthalate	14.04	163	217362	18.40 ng/ul	98
45) 2,6-Dinitrotoluene	14.16	165	40216	19.51 ng/ul#	39
47) Acenaphthylene	14.31	152	258712	18.93 ng/ul	97
48) 3-Nitroaniline	14.49	138	42181	20.20 ng/ul#	75
49) Acenaphthene	14.65	153	185287	19.61 ng/ul	98
50) 2,4-Dinitrophenol	14.69	184	23038	16.09 ng/ul#	21
52) 4-Nitrophenol	14.78	109	80136	24.93 ng/ul#	64
53) Dibenzofuran	14.98	168	286796	19.95 ng/ul#	83
54) 2,4-Dinitrotoluene	14.94	165	66403	21.27 ng/ul#	55
55) 2,3,4,6-Tetrachlorophenol	15.20	232	71499	21.66 ng/ul#	90
56) Diethylphthalate	15.40	149	260774	20.99 ng/ul	98
58) Fluorene	15.63	166	251615	21.35 ng/ul	91
59) 4-Chlorophenyl-phenylether	15.62	204	147914	22.13 ng/ul	91
60) 4-Nitroaniline	15.64	138	46941	20.57 ng/ul#	16
63) 4,6-Dinitro-2-methylphenol	15.70	198	49214	19.14 ng/ul#	70
64) N-Nitrosodiphenylamine	15.83	169	220032	18.58 ng/ul	99
65) 4-Bromophenyl-phenylether	16.52	248	95967	19.64 ng/ul	91
66) Hexachlorobenzene	16.63	284	104962	19.19 ng/ul#	93
67) Atrazine	16.78	200	97741	18.58 ng/ul	99
68) Pentachlorophenol	16.97	266	64601	18.77 ng/ul	96
69) Phenanthrene	17.37	178	453688m	19.98 ng/ul	
71) Anthracene	17.46	178	472443	20.24 ng/ul	99
72) Carbazole	17.73	167	403168	19.41 ng/ul	99
73) Di-n-butylphthalate	18.29	149	481910	19.74 ng/ul#	96
74) Fluoranthene	19.37	202	613660	21.02 ng/ul#	94
77) Pyrene	19.74	202	649784	17.88 ng/ul#	91
78) Butylbenzylphthalate	20.63	149	225554	16.88 ng/ul#	81
79) 3,3'-Dichlorobenzidine	21.41	252	240680	18.69 ng/ul	99
80) Benzo(a)anthracene	21.47	228	703931	19.66 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.39	149	329762	17.63 ng/ul	98
82) Chrysene	21.53	228	674110	20.28 ng/ul	99
84) Di-n-octyl phthalate	22.30	149	597048	17.71 ng/ul#	83
85) Benzo(b)fluoranthene	23.13	252	714448	20.70 ng/ul#	96
86) Benzo(k)fluoranthene	23.19	252	638031	19.12 ng/ul#	96
88) Benzo(a)pyrene	23.75	252	672428	20.42 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.27	276	682146	18.27 ng/ul#	94
90) Dibenzo(a,h)anthracene	26.28	278	583220	18.28 ng/ul#	95
91) Benzo(g,h,i)perylene	27.01	276	576368	18.20 ng/ul#	93

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

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