Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009230.D
Acq On : 13 Mar 2017 22:33
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02034

Manual Integrations APPROVED
mohammad
3/15/2017 4:04:34 PM

Quant Time: Mar 14 04:55:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 18:31:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	110798	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	537118	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	407361	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1109216	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1653409	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1650180	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	19899	7.91	ng/uL	0.00
5) Phenol-d5	7.03	99	215507	17.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	155375	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	141548	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	179200	18.74	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	73329	19.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	79843	18.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	174298	19.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	219747	20.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	681092	22.01	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	784578	22.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	129912	21.15	ng/ul	0.00
57) Fluorene-d10	15.51	176	608455	22.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	123369	18.59	ng/ul	0.00
70) Anthracene-d10	17.37	188	1053246	20.06	ng/ul	0.00
78) Pyrene-d10	19.66	212	1306722	19.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	1491020	19.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	23475	8.80	ng/uL#	72
4) Benzaldehyde	7.03	77	171619	21.36	ng/ul#	78
6) Phenol	7.06	94	231002	18.05	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.30	93	170156	18.56	ng/ul#	79
10) 2-Chlorophenol	7.44	128	146735	19.42	ng/ul#	76
11) 2-Methylphenol	8.31	108	170254	18.36	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.41	45	296541	19.42	ng/ul#	87
14) Acetophenone	8.70	105	303344	18.89	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.68	70	191954	19.49	ng/ul#	79
16) 4-Methylphenol	8.64	108	190117	18.08	ng/ul	89
17) Hexachloroethane	8.96	117	64506	19.50	ng/ul	90
20) Nitrobenzene	9.09	77	259641	20.30	ng/ul#	75
21) Isophorone	9.60	82	494723	19.55	ng/ul#	91
23) 2-Nitrophenol	9.80	139	89369	19.28	ng/ul#	70
24) 2,4-Dimethylphenol	9.85	107	237952	20.01	ng/ul#	93
25) Bis(2-Chloroethoxy)methane	10.09	93	272361	19.64	ng/ul#	95
27) 2,4-Dichlorophenol	10.32	162	174020	19.33	ng/ul	98
28) Naphthalene	10.73	128	536415	19.47	ng/ul	97
30) 4-Chloroaniline	10.84	127	231927	20.18	ng/ul	99
31) Hexachlorobutadiene	11.00	225	122113	19.68	ng/ul	98
32) Caprolactam	11.61	113	68650m	18.26	ng/ul	
33) 4-Chloro-3-methylphenol	11.96	107	231089	19.56	ng/ul	88
34) 2-Methylnaphthalene	12.34	142	428886	19.56	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	261129	21.31 ng/ul	96
37) Hexachlorocyclopentadiene	12.68	237	139819	20.18 ng/ul	95
38) 2,4,6-Trichlorophenol	12.94	196	168804	21.73 ng/ul	96
39) 2,4,5-Trichlorophenol	13.02	196	186387	20.94 ng/ul	99
40) 1,1'-Biphenyl	13.35	154	613856	21.51 ng/ul#	95
41) 2-Chloronaphthalene	13.39	162	477327	21.61 ng/ul	95
42) 2-Nitroaniline	13.60	65	202704	22.34 ng/ul#	60
44) Dimethylphthalate	13.97	163	660017	21.27 ng/ul#	99
45) 2,6-Dinitrotoluene	14.10	165	130838	21.92 ng/ul#	74
47) Acenaphthylene	14.24	152	771670	21.66 ng/ul	99
48) 3-Nitroaniline	14.43	138	136757	21.51 ng/ul#	70
49) Acenaphthene	14.59	153	538686	21.50 ng/ul	96
50) 2,4-Dinitrophenol	14.64	184	78039	19.94 ng/ul#	82
52) 4-Nitrophenol	14.73	109	151058	21.05 ng/ul#	75
53) Dibenzofuran	14.92	168	804646	21.79 ng/ul	98
54) 2,4-Dinitrotoluene	14.89	165	204174	22.20 ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	15.14	232	179887	21.06 ng/ul	92
56) Diethylphthalate	15.33	149	731788	22.52 ng/ul	98
58) Fluorene	15.57	166	695765	21.83 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	362848	22.16 ng/ul	91
60) 4-Nitroaniline	15.59	138	163971	22.72 ng/ul#	69
63) 4,6-Dinitro-2-methylphenol	15.64	198	129144	18.53 ng/ul#	75
64) N-Nitrosodiphenylamine	15.77	169	623827	20.01 ng/ul	99
65) 4-Bromophenyl-phenylether	16.46	248	238439	19.90 ng/ul	90
66) Hexachlorobenzene	16.56	284	257437	19.31 ng/ul	97
67) Atrazine	16.72	200	242006	18.57 ng/ul	96
68) Pentachlorophenol	16.91	266	151940	17.35 ng/ul	97
69) Phenanthrene	17.31	178	1226677	19.87 ng/ul	97
71) Anthracene	17.40	178	1252419	19.89 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	250874	19.25 ng/uL	93
73) Pentachlorobenzene	14.83	250	270687	19.35 ng/uL	95
74) Carbazole	17.67	167	1147846	19.53 ng/ul	98
75) Di-n-butylphthalate	18.22	149	1292030	19.08 ng/ul#	98
76) Fluoranthene	19.32	202	1579809	20.30 ng/ul	97
79) Pyrene	19.69	202	1678735	19.54 ng/ul	96
80) Butylbenzylphthalate	20.57	149	618477	17.92 ng/ul#	76
81) 3,3'-Dichlorobenzidine	21.36	252	648783	20.72 ng/ul	95
82) Benzo(a)anthracene	21.42	228	1836296	19.43 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.33	149	937123	17.44 ng/ul	99
84) Chrysene	21.47	228	1740115	19.52 ng/ul	99
86) Di-n-octyl phthalate	22.24	149	1684098	18.98 ng/ul#	86
87) Benzo(b)fluoranthene	23.07	252	1883935	19.32 ng/ul#	97
88) Benzo(k)fluoranthene	23.11	252	1873202	20.09 ng/ul#	97
90) Benzo(a)pyrene	23.67	252	1865372	19.68 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.16	276	2178723	19.16 ng/ul#	90
92) Dibenzo(a,h)anthracene	26.17	278	1825096	18.97 ng/ul#	93
93) Benzo(g,h,i)perylene	26.89	276	1802022	19.14 ng/ul#	91

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

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