Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032017\
Data File : BM009311.D
Acq On : 21 Mar 2017 00:46
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Manual Integrations APPROVED
mohammad
3/21/2017 5:21:09 PM

Quant Time: Mar 21 03:42:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 03:09:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	98060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	491938	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	358803	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	966519	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1502094	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1556820	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.34	96	18255	8.20	ng/uL	0.00
5) Phenol-d5	7.03	99	204738	19.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	141278	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	129987	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	163539	19.32	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	70697	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	76946	19.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	164812	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	198997	20.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	594750	21.82	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	717072	22.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	113456	20.97	ng/ul	0.00
57) Fluorene-d10	15.50	176	559902	23.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	107219	18.54	ng/ul	0.00
70) Anthracene-d10	17.36	188	960541	21.00	ng/ul	0.00
78) Pyrene-d10	19.65	212	1181549	19.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	1470721	20.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	20447	8.66	ng/uL#	59
4) Benzaldehyde	7.02	77	159445	22.43	ng/ul#	77
6) Phenol	7.05	94	217405	19.19	ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.30	93	161515	19.91	ng/ul#	81
10) 2-Chlorophenol	7.43	128	136607	20.43	ng/ul#	75
11) 2-Methylphenol	8.30	108	152138	18.54	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.40	45	276518	20.46	ng/ul#	88
14) Acetophenone	8.70	105	285147	20.06	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.67	70	167645	19.24	ng/ul#	75
16) 4-Methylphenol	8.63	108	179836	19.33	ng/ul	93
17) Hexachloroethane	8.95	117	63175	21.58	ng/ul	98
20) Nitrobenzene	9.08	77	243575	20.79	ng/ul#	83
21) Isophorone	9.60	82	443025	19.12	ng/ul#	92
23) 2-Nitrophenol	9.79	139	81373	19.17	ng/ul#	58
24) 2,4-Dimethylphenol	9.83	107	220360	20.23	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.08	93	249771	19.66	ng/ul	96
27) 2,4-Dichlorophenol	10.32	162	166022	20.14	ng/ul	95
28) Naphthalene	10.72	128	516009	20.45	ng/ul	99
30) 4-Chloroaniline	10.83	127	215143	20.44	ng/ul	99
31) Hexachlorobutadiene	10.99	225	116621	20.52	ng/ul	94
32) Caprolactam	11.61	113	61401m	17.83	ng/ul	
33) 4-Chloro-3-methylphenol	11.95	107	213897	19.77	ng/ul	92
34) 2-Methylnaphthalene	12.33	142	397360	19.78	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	247792	22.96	ng/ul	97
37) Hexachlorocyclopentadiene	12.67	237	118760	19.46	ng/ul	95
38) 2,4,6-Trichlorophenol	12.94	196	155373	22.71	ng/ul	99
39) 2,4,5-Trichlorophenol	13.00	196	172410	22.00	ng/ul	97
40) 1,1'-Biphenyl	13.34	154	563767	22.43	ng/ul#	97
41) 2-Chloronaphthalene	13.39	162	446228	22.94	ng/ul	96
42) 2-Nitroaniline	13.60	65	180219	22.55	ng/ul#	64
44) Dimethylphthalate	13.96	163	588850	21.55	ng/ul	99
45) 2,6-Dinitrotoluene	14.09	165	117393	22.32	ng/ul#	77
47) Acenaphthylene	14.23	152	731761	23.32	ng/ul	99
48) 3-Nitroaniline	14.43	138	132921	23.74	ng/ul#	70
49) Acenaphthene	14.57	153	513511	23.27	ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	63522	18.43	ng/ul#	81
52) 4-Nitrophenol	14.72	109	138032	21.84	ng/ul#	70
53) Dibenzofuran	14.91	168	755572	23.23	ng/ul	97
54) 2,4-Dinitrotoluene	14.88	165	179936	22.21	ng/ul#	62
55) 2,3,4,6-Tetrachlorophenol	15.13	232	171308	22.77	ng/ul#	87
56) Diethylphthalate	15.33	149	629852	22.01	ng/ul	99
58) Fluorene	15.56	166	637874	22.73	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.55	204	332187	23.03	ng/ul	94
60) 4-Nitroaniline	15.59	138	151714	23.86	ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	15.64	198	110441	18.19	ng/ul#	75
64) N-Nitrosodiphenylamine	15.77	169	562701	20.72	ng/ul	98
65) 4-Bromophenyl-phenylether	16.45	248	210655	20.17	ng/ul#	86
66) Hexachlorobenzene	16.56	284	238924	20.57	ng/ul	96
67) Atrazine	16.72	200	217374	19.14	ng/ul	96
68) Pentachlorophenol	16.90	266	150385	19.71	ng/ul	98
69) Phenanthrene	17.30	178	1118152	20.79	ng/ul	100
71) Anthracene	17.39	178	1161086	21.17	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.30	216	235795	20.77	ng/uL	98
73) Pentachlorobenzene	14.83	250	250710	20.56	ng/uL	98
74) Carbazole	17.67	167	1038897	20.29	ng/ul	98
75) Di-n-butylphthalate	18.22	149	1128120	19.12	ng/ul#	98
76) Fluoranthene	19.32	202	1412098	20.83	ng/ul	98
79) Pyrene	19.68	202	1538394	19.71	ng/ul	99
80) Butylbenzylphthalate	20.56	149	571761	18.23	ng/ul#	82
81) 3,3'-Dichlorobenzidine	21.36	252	604799	21.26	ng/ul	98
82) Benzo(a)anthracene	21.42	228	1724617	20.09	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.33	149	858977	17.59	ng/ul#	97
84) Chrysene	21.47	228	1661787	20.52	ng/ul	98
86) Di-n-octyl phthalate	22.23	149	1580909	18.88	ng/ul#	86
87) Benzo(b)fluoranthene	23.06	252	1918914	20.86	ng/ul#	97
88) Benzo(k)fluoranthene	23.11	252	1766024	20.08	ng/ul#	97
90) Benzo(a)pyrene	23.67	252	1828598	20.44	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.14	276	2098455	19.56	ng/ul#	90
92) Dibenzo(a,h)anthracene	26.16	278	1760048	19.40	ng/ul#	93
93) Benzo(g,h,i)perylene	26.88	276	1695325	19.09	ng/ul#	94

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

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