Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011649.D
Acq On : 21 Sep 2017 09:28
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02030

Manual Integrations APPROVED
Sohil
9/22/2017 4:05:57 PM

Quant Time: Sep 22 02:49:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 21 04:15:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	273263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1289105	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	778049	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1751947	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1999832	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1868754	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	47771	7.86	ng/uL	0.00
5) Phenol-d5	7.11	99	510893	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	372295	21.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	394722	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	404285	19.74	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	191893	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	207083	20.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	406245	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	542879	24.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1274778	19.38	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1595442	20.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	217968	17.63	ng/ul	0.00
58) Fluorene-d10	15.58	176	1133369	19.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	188172	18.46	ng/ul	0.00
71) Anthracene-d10	17.43	188	1766218	20.47	ng/ul	0.00
79) Pyrene-d10	19.72	212	1948630	20.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1785359	20.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	52570	7.895	ng/uL#	54
4) Benzaldehyde	7.10	77	294261	19.626	ng/ul	98
6) Phenol	7.14	94	510822	19.612	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.38	93	405770	19.789	ng/ul#	80
10) 2-Chlorophenol	7.52	128	382210	19.813	ng/ul#	90
11) 2-Methylphenol	8.39	108	384657	19.478	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.49	45	794262	23.898	ng/ul#	90
14) Acetophenone	8.79	105	634377	20.261	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.76	70	352964	21.008	ng/ul#	67
16) 4-Methylphenol	8.72	108	429340	19.869	ng/ul	92
17) Hexachloroethane	9.05	117	153906	20.870	ng/ul	83
20) Nitrobenzene	9.17	77	497606	21.625	ng/ul	98
21) Isophorone	9.69	82	933260	20.144	ng/ul	97
23) 2-Nitrophenol	9.88	139	217534	20.352	ng/ul	89
24) 2,4-Dimethylphenol	9.93	107	463732	20.276	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.17	93	591449	19.579	ng/ul	97
27) 2,4-Dichlorophenol	10.41	162	392111	19.860	ng/ul	98
28) Naphthalene	10.82	128	1340446	20.052	ng/ul	98
30) 4-Chloroaniline	10.92	127	518517	24.148	ng/ul	98
31) Hexachlorobutadiene	11.10	225	246237	21.974	ng/ul	97
32) Caprolactam	11.70	113	112532m	18.106	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	434351	20.750	ng/ul	98
34) 2-Methylnaphthalene	12.42	142	997470	20.093	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	949158	20.075	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	483120	20.933	ng/ul#	95
38) Hexachlorocyclopentadiene	12.76	237	247824	19.157	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.02	196	320297	20.383	ng/ul	99
40) 2,4,5-Trichlorophenol	13.09	196	324570	20.371	ng/ul	96
41) 1,1'-Biphenyl	13.43	154	1296094	20.019	ng/ul#	94
42) 2-Chloronaphthalene	13.47	162	974370	20.001	ng/ul	100
43) 2-Nitroaniline	13.67	65	331620	21.917	ng/ul#	80
45) Dimethylphthalate	14.04	163	1221160	19.391	ng/ul#	98
46) 2,6-Dinitrotoluene	14.16	165	228534	20.548	ng/ul#	86
48) Acenaphthylene	14.32	152	1625905	20.307	ng/ul	99
49) 3-Nitroaniline	14.50	138	242515	17.683	ng/ul	100
50) Acenaphthene	14.66	153	1093984	20.222	ng/ul	100
51) 2,4-Dinitrophenol	14.70	184	113853	16.568	ng/ul#	60
53) 4-Nitrophenol	14.79	109	169632	21.351	ng/ul#	72
54) Dibenzofuran	14.99	168	1518008	20.060	ng/ul	98
55) 2,4-Dinitrotoluene	14.95	165	319438	19.538	ng/ul#	66
56) 2,3,4,6-Tetrachlorophenol	15.21	232	299520	20.627	ng/ul#	75
57) Diethylphthalate	15.40	149	1275189	19.458	ng/ul	95
59) Fluorene	15.64	166	1272332	20.062	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	615742	20.721	ng/ul	91
61) 4-Nitroaniline	15.66	138	242606	16.514	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.71	198	192750	18.452	ng/ul#	87
65) N-Nitrosodiphenylamine	15.84	169	1044249	19.568	ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	360956	20.172	ng/ul	93
67) Hexachlorobenzene	16.64	284	400724	20.344	ng/ul#	89
68) Atrazine	16.79	200	362034	19.580	ng/ul	98
69) Pentachlorophenol	16.98	266	231392	18.295	ng/ul	98
70) Phenanthrene	17.37	178	1970185	20.175	ng/ul	99
72) Anthracene	17.47	178	2071167	20.670	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	481665	20.632	ng/uL	97
74) Pentachlorobenzene	14.91	250	488263	20.621	ng/uL	97
75) Carbazole	17.73	167	1784846	20.878	ng/ul	98
76) Di-n-butylphthalate	18.28	149	2256559	20.097	ng/ul	99
77) Fluoranthene	19.38	202	2307365	22.972	ng/ul#	89
80) Pyrene	19.74	202	2498872	21.417	ng/ul#	87
81) Butylbenzylphthalate	20.63	149	1037366	19.333	ng/ul#	91
82) 3,3'-Dichlorobenzidine	21.42	252	747422	20.580	ng/ul#	98
83) Benzo(a)anthracene	21.48	228	2400089	21.797	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	1565703	19.000	ng/ul#	95
85) Chrysene	21.53	228	2179291	21.831	ng/ul	99
87) Di-n-octyl phthalate	22.30	149	2733042	20.607	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	2221139	19.757	ng/ul#	96
89) Benzo(k)fluoranthene	23.20	252	2273450	21.056	ng/ul#	97
91) Benzo(a)pyrene	23.76	252	2157634	20.333	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.30	276	2197959	18.829	ng/ul#	86
93) Dibenzo(a,h)anthracene	26.30	278	1852900	18.720	ng/ul#	95
94) Benzo(g,h,i)perylene	27.04	276	1750516	18.518	ng/ul#	92

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

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