Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100717\
Data File : BM011966.D
Acq On : 07 Oct 2017 09:54
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02029

Quant Time: Oct 07 22:31:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 05:58:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	298897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1274412	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	739966	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1493130	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1192649	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1266497	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	50648	8.01	ng/uL	0.00
5) Phenol-d5	7.02	99	502499	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	307131	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	440227	21.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	427636	19.24	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	206449	22.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	240888	23.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	451038	21.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	531321	23.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1312291	20.46	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1625960	21.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	189801	16.94	ng/ul	0.00
57) Fluorene-d10	15.49	176	1113675	19.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	190442	18.96	ng/ul	0.00
70) Anthracene-d10	17.34	188	1549771	21.06	ng/ul	0.00
76) Pyrene-d10	19.63	212	1412454	26.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1268184	20.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	50790	7.91	ng/uL#	71
4) Benzaldehyde	7.00	77	291551	22.75	ng/ul	87
6) Phenol	7.04	94	495669	19.48	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.27	93	382618	20.02	ng/ul	96
10) 2-Chlorophenol	7.42	128	420223	20.85	ng/ul	98
11) 2-Methylphenol	8.30	108	377924	19.53	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.39	45	494202	20.22	ng/ul#	89
14) Acetophenone	8.68	105	625149	19.22	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.66	70	334025	20.07	ng/ul#	70
16) 4-Methylphenol	8.63	108	416993	19.25	ng/ul	94
17) Hexachloroethane	8.93	117	175521	21.70	ng/ul	82
20) Nitrobenzene	9.06	77	484692	22.11	ng/ul	94
21) Isophorone	9.59	82	877598	21.46	ng/ul#	94
23) 2-Nitrophenol	9.77	139	245651	22.86	ng/ul#	76
24) 2,4-Dimethylphenol	9.83	107	483696	20.99	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.07	93	531315	21.16	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	428040	21.47	ng/ul#	87
28) Naphthalene	10.71	128	1329269	20.79	ng/ul	100
30) 4-Chloroaniline	10.82	127	508591	22.99	ng/ul	93
31) Hexachlorobutadiene	10.99	225	313498	21.44	ng/ul	93
32) Caprolactam	11.60	113	117873	18.04	ng/ul#	41
33) 4-Chloro-3-methylphenol	11.95	107	434450	20.05	ng/ul	93
34) 2-Methylnaphthalene	12.32	142	999816	20.51	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	558428	22.25 ng/ul	96
37) Hexachlorocyclopentadiene	12.66	237	236076	16.16 ng/ul	98
38) 2,4,6-Trichlorophenol	12.93	196	365225	22.91 ng/ul	98
39) 2,4,5-Trichlorophenol	13.00	196	382062	22.77 ng/ul	98
40) 1,1'-Biphenyl	13.33	154	1277441	21.59 ng/ul	99
41) 2-Chloronaphthalene	13.37	162	1000507	21.61 ng/ul	96
42) 2-Nitroaniline	13.59	65	268103	22.81 ng/ul	92
44) Dimethylphthalate	13.95	163	1262077	20.46 ng/ul	100
45) 2,6-Dinitrotoluene	14.08	165	255699	21.98 ng/ul	91
47) Acenaphthylene	14.22	152	1574160	21.54 ng/ul	99
48) 3-Nitroaniline	14.41	138	223960	20.73 ng/ul	87
49) Acenaphthene	14.56	153	1052589	20.82 ng/ul	100
50) 2,4-Dinitrophenol	14.63	184	119065	15.49 ng/ul	97
52) 4-Nitrophenol	14.72	109	157576	17.60 ng/ul	82
53) Dibenzofuran	14.90	168	1491426	20.32 ng/ul	100
54) 2,4-Dinitrotoluene	14.87	165	348194	20.24 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.13	232	331364	20.22 ng/ul	91
56) Diethylphthalate	15.32	149	1256609	20.07 ng/ul	94
58) Fluorene	15.55	166	1210820	19.76 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.54	204	646103	19.93 ng/ul	98
60) 4-Nitroaniline	15.57	138	223312	17.74 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.63	198	192938	18.80 ng/ul	92
64) N-Nitrosodiphenylamine	15.75	169	1017473	23.59 ng/ul	100
65) 4-Bromophenyl-phenylether	16.43	248	394401	23.58 ng/ul	96
66) Hexachlorobenzene	16.55	284	415621	22.23 ng/ul#	89
67) Atrazine	16.70	200	370090	21.67 ng/ul	93
68) Pentachlorophenol	16.90	266	228168	19.40 ng/ul	100
69) Phenanthrene	17.29	178	1711661	20.84 ng/ul	98
71) Anthracene	17.38	178	1772813	21.21 ng/ul	98
72) Carbazole	17.65	167	1383243	19.11 ng/ul	99
73) Di-n-butylphthalate	18.20	149	1926506	22.21 ng/ul#	97
74) Fluoranthene	19.30	202	1718804	17.15 ng/ul#	89
77) Pyrene	19.66	202	1750699	26.47 ng/ul#	88
78) Butylbenzylphthalate	20.54	149	720054	27.80 ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.33	252	434759	19.58 ng/ul#	95
80) Benzo(a)anthracene	21.40	228	1508465	22.08 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	1038108	26.94 ng/ul#	96
82) Chrysene	21.46	228	1415581	21.81 ng/ul	99
84) Di-n-octyl phthalate	22.21	149	1614544	21.82 ng/ul	98
85) Benzo(b)fluoranthene	23.04	252	1517337	19.71 ng/ul#	97
86) Benzo(k)fluoranthene	23.08	252	1570302	20.43 ng/ul#	98
88) Benzo(a)pyrene	23.64	252	1536838	20.78 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.11	276	1903830	24.05 ng/ul#	90
90) Dibenzo(a,h)anthracene	26.12	278	1603975	24.66 ng/ul#	96
91) Benzo(g,h,i)perylene	26.84	276	1619502	24.73 ng/ul#	95

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

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