Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012101.D
Acq On : 12 Oct 2017 15:56
Operator : SJ/JU
Sample : SSTD01044
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01044

Quant Time: Oct 12 17:34:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 17:32:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	221722	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	929345	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	560226	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1294894	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1432898	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1423058	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	18562	3.96	ng/uL	0.00
5) Phenol-d5	7.00	99	167755	8.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	103520	9.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	148596	9.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	144839	8.78	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	69459	10.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	78365	10.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	156771	10.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	131682	8.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	498373	10.26	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	593614	10.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	61027	7.19	ng/ul	0.00
57) Fluorene-d10	15.48	176	400646	9.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	72587	8.33	ng/ul	0.00
70) Anthracene-d10	17.33	188	633613	9.93	ng/ul	0.00
76) Pyrene-d10	19.63	212	708950	10.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	676436	9.88	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	19992	4.20	ng/uL#	67
4) Benzaldehyde	6.98	77	123593	13.00	ng/ul	92
6) Phenol	7.03	94	174864	9.26	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.26	93	137184	9.68	ng/ul	94
10) 2-Chlorophenol	7.40	128	151010	10.10	ng/ul	97
11) 2-Methylphenol	8.28	108	130702	9.10	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	178332	9.84	ng/ul#	86
14) Acetophenone	8.67	105	227379	9.42	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.64	70	123043	9.96	ng/ul#	71
16) 4-Methylphenol	8.61	108	146415	9.11	ng/ul	94
17) Hexachloroethane	8.91	117	65975	11.00	ng/ul#	78
20) Nitrobenzene	9.05	77	172561	10.79	ng/ul	95
21) Isophorone	9.57	82	324262	10.88	ng/ul#	93
23) 2-Nitrophenol	9.76	139	86357	11.02	ng/ul#	75
24) 2,4-Dimethylphenol	9.82	107	175357	10.44	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.05	93	192533	10.52	ng/ul	96
27) 2,4-Dichlorophenol	10.29	162	153407	10.55	ng/ul#	89
28) Naphthalene	10.69	128	481355	10.33	ng/ul	100
30) 4-Chloroaniline	10.81	127	123007	7.63	ng/ul	94
31) Hexachlorobutadiene	10.96	225	115824	10.86	ng/ul	96
32) Caprolactam	11.59	113	46995	9.86	ng/ul#	44
33) 4-Chloro-3-methylphenol	11.93	107	158878	10.05	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	359764	10.12	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.67	216	202948	10.68	ng/ul	98
37) Hexachlorocyclopentadiene	12.65	237	56570	5.11	ng/ul	100
38) 2,4,6-Trichlorophenol	12.92	196	133514	11.06	ng/ul	99
39) 2,4,5-Trichlorophenol	13.00	196	133282	10.49	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	474877	10.60	ng/ul#	98
41) 2-Chloronaphthalene	13.36	162	371756	10.61	ng/ul	98
42) 2-Nitroaniline	13.57	65	96174	10.81	ng/ul	92
44) Dimethylphthalate	13.94	163	496344	10.63	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	94005	10.67	ng/ul	95
47) Acenaphthylene	14.21	152	591361	10.69	ng/ul	99
48) 3-Nitroaniline	14.40	138	66962	8.18	ng/ul	86
49) Acenaphthene	14.55	153	398647	10.41	ng/ul	98
50) 2,4-Dinitrophenol	14.63	184	37144	6.38	ng/ul	96
52) 4-Nitrophenol	14.72	109	56640	8.35	ng/ul#	83
53) Dibenzofuran	14.89	168	573283	10.32	ng/ul	100
54) 2,4-Dinitrotoluene	14.86	165	138579	10.64	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.12	232	124548	10.04	ng/ul#	90
56) Diethylphthalate	15.30	149	549769	11.60	ng/ul	96
58) Fluorene	15.53	166	471706	10.17	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	245391	10.00	ng/ul	95
60) 4-Nitroaniline	15.56	138	85509	8.97	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.63	198	78279	8.79	ng/ul	93
64) N-Nitrosodiphenylamine	15.74	169	404014	10.80	ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	152453	10.51	ng/ul	95
66) Hexachlorobenzene	16.54	284	174453	10.76	ng/ul#	94
67) Atrazine	16.69	200	165288	11.16	ng/ul	94
68) Pentachlorophenol	16.89	266	86609	8.49	ng/ul	96
69) Phenanthrene	17.27	178	730920	10.26	ng/ul	99
71) Anthracene	17.37	178	753747	10.40	ng/ul	99
72) Carbazole	17.64	167	626060	9.97	ng/ul	100
73) Di-n-butylphthalate	18.19	149	904177	12.02	ng/ul	98
74) Fluoranthene	19.29	202	893020	10.28	ng/ul#	90
77) Pyrene	19.66	202	932005	11.73	ng/ul#	91
78) Butylbenzylphthalate	20.54	149	417793	13.42	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.33	252	284628	10.67	ng/ul#	96
80) Benzo(a)anthracene	21.40	228	933431	11.37	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	640758	13.84	ng/ul#	96
82) Chrysene	21.45	228	898340	11.52	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	1059405	12.74	ng/ul#	93
85) Benzo(b)fluoranthene	23.03	252	928428	10.73	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	874481	10.13	ng/ul#	96
88) Benzo(a)pyrene	23.63	252	861005	10.36	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.10	276	911502	10.25	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.11	278	756526	10.35	ng/ul#	96
91) Benzo(g,h,i)perylene	26.83	276	754320	10.25	ng/ul#	95

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

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