Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB101016\
Data File : BB058597.D
Acq On : 10 Oct 2016 17:35
Operator : UM/SJ
Sample : SSTD02078
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId :

Quant Time: Oct 11 10:54:24 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:48:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	505146	20.00	ng/ul	0.00
18) Naphthalene-d8	11.62	136	1917530	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1131339	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.52	188	1715592	20.00	ng/ul	0.10
75) Chrysene-d12	22.79	240	1883897	20.00	ng/ul	0.00
83) Perylene-d12	25.85	264	1470315	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	93297	7.24	ng/uL	0.00
5) Phenol-d5	7.81	99	763332	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.95	67	541702	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	802849	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	9.45	113	627405	20.95	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	420097	21.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	447394	20.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	628882	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.74	131	788235	23.14	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	1620534	21.61	ng/ul	0.00
46) Acenaphthylene-d8	15.24	160	1850680	20.20	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	329637	17.43	ng/ul	0.00
57) Fluorene-d10	16.59	176	1279694	21.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	350931	21.99	ng/ul	0.00
70) Anthracene-d10	18.52	188	1715592	21.98	ng/ul	0.00
76) Pyrene-d10	20.85	212	1814088	20.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.64	264	1389737	21.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	93982	7.25	ng/uL#	76
4) Benzaldehyde	7.73	77	560919	22.07	ng/ul	95
6) Phenol	7.83	94	768285	20.86	ng/ul#	75
8) Bis(2-Chloroethyl)ether	8.04	93	634689	19.55	ng/ul#	82
10) 2-Chlorophenol	8.22	128	769250	22.07	ng/ul	100
11) 2-Methylphenol	9.16	108	609987	21.40	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	9.24	45	1212038	22.28	ng/ul#	85
14) Acetophenone	9.52	105	914268	21.25	ng/ul#	61
15) N-Nitroso-di-n-propylamine	9.54	70	543085	20.95	ng/ul#	57
16) 4-Methylphenol	9.51	108	637242	21.11	ng/ul	100
17) Hexachloroethane	9.83	117	363722	22.35	ng/ul#	77
20) Nitrobenzene	9.93	77	800093	22.24	ng/ul#	89
21) Isophorone	10.49	82	1515541	21.16	ng/ul	97
23) 2-Nitrophenol	10.68	139	462554	21.61	ng/ul	95
24) 2,4-Dimethylphenol	10.76	107	768127	22.02	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.99	93	724540	19.16	ng/ul#	93
27) 2,4-Dichlorophenol	11.26	162	641786	22.57	ng/ul	97
28) Naphthalene	11.66	128	1979121	22.05	ng/ul	99
30) 4-Chloroaniline	11.78	127	754947	24.02	ng/ul	97
31) Hexachlorobutadiene	12.01	225	431619	28.52	ng/ul	97
32) Caprolactam	12.55	113	155374	12.92	ng/ul	95
33) 4-Chloro-3-methylphenol	12.95	107	643955	21.56	ng/ul	92
34) 2-Methylnaphthalene	13.32	142	1325210	21.49	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	734826	27.22	ng/ul#	97
37) Hexachlorocyclopentadiene	13.72	237	429830	30.84	ng/ul	100
38) 2,4,6-Trichlorophenol	13.95	196	433102	21.59	ng/ul	99
39) 2,4,5-Trichlorophenol	14.03	196	452593	22.07	ng/ul	97
40) 1,1'-Biphenyl	14.36	154	1578741	21.45	ng/ul	99
41) 2-Chloronaphthalene	14.40	162	1225693	21.09	ng/ul	93
42) 2-Nitroaniline	14.59	65	483501	21.35	ng/ul#	82
44) Dimethylphthalate	14.99	163	1551587	21.43	ng/ul#	96
45) 2,6-Dinitrotoluene	15.11	165	390357	20.40	ng/ul	96
47) Acenaphthylene	15.28	152	1935650	21.74	ng/ul	100
48) 3-Nitroaniline	14.59	138	495867	19.25	ng/ul#	47
49) Acenaphthene	15.63	153	1198973	20.46	ng/ul	94
50) 2,4-Dinitrophenol	15.65	184	223614	17.87	ng/ul#	1
52) 4-Nitrophenol	15.78	109	296353	23.86	ng/ul	92
53) Dibenzofuran	15.97	168	1770718	21.28	ng/ul#	86
54) 2,4-Dinitrotoluene	15.92	165	529947	20.43	ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	16.22	232	412826	25.75	ng/ul#	87
56) Diethylphthalate	16.42	149	1731986	22.00	ng/ul	99
58) Fluorene	16.65	166	1418566	21.46	ng/ul	91
59) 4-Chlorophenyl-phenylether	16.65	204	761950	24.61	ng/ul	91
60) 4-Nitroaniline	16.65	138	378787	18.96	ng/ul#	86
63) 4,6-Dinitro-2-methylphenol	16.73	198	338820	21.10	ng/ul#	81
64) N-Nitrosodiphenylamine	16.86	169	1274369	22.03	ng/ul	94
65) 4-Bromophenyl-phenylether	17.57	248	475987	25.69	ng/ul	92
66) Hexachlorobenzene	17.73	284	468296	22.51	ng/ul#	85
67) Atrazine	17.84	200	435354	23.45	ng/ul	91
68) Pentachlorophenol	18.07	266	290109	21.43	ng/ul	98
69) Phenanthrene	18.55	178	2104846	23.46	ng/ul	100
71) Anthracene	18.55	178	2104846	23.03	ng/ul	99
72) Carbazole	18.82	167	1821958	22.95	ng/ul	98
73) Di-n-butylphthalate	19.40	149	2945026	22.83	ng/ul	98
74) Fluoranthene	20.52	202	2244153	27.47	ng/ul#	95
77) Pyrene	20.88	202	2244734	20.97	ng/ul	99
78) Butylbenzylphthalate	21.79	149	1458093	18.81	ng/ul	87
79) 3,3'-Dichlorobenzidine	22.67	252	713009	22.78	ng/ul	99
80) Benzo(a)anthracene	22.75	228	2090850	21.16	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.67	149	1959226	19.70	ng/ul#	89
82) Chrysene	22.83	228	1999380	22.53	ng/ul	99
84) Di-n-octyl phthalate	22.67	149	1959226	25.80	ng/ul#	67
85) Benzo(b)fluoranthene	24.89	252	1907694	20.29	ng/ul#	96
86) Benzo(k)fluoranthene	24.97	252	1749525	26.37	ng/ul#	98
88) Benzo(a)pyrene	25.72	252	1730336	22.43	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.12	276	1468594	18.94	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.16	278	1205803	18.86	ng/ul#	92
91) Benzo(g,h,i)perylene	30.13	276	1157401	18.59	ng/ul#	89

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

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