Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010971.D
Acq On : 26 Jul 2017 15:04
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM072617

Quant Time: Jul 26 15:46:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 15:23:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	239155	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	957666	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	651413	20.00	ng		0.00
63) Phenanthrene-d10	16.81	188	1604676	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1774157	20.00	ng		0.00
86) Perylene-d12	23.14	264	1540092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1155722	81.69	ng		0.00
7) Phenol-d6	6.59	99	1673061	83.23	ng		0.00
23) Nitrobenzene-d5	8.54	82	2134184	83.64	ng		0.00
41) 2,4,6-Tribromophenol	15.56	330	840805	80.53	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	4185862	80.59	ng		0.00
78) Terphenyl-d14	19.47	244	7628227	85.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	241475	38.015	ng	#	100
3) Pyridine	3.41	79	705638	40.669	ng	#	88
4) n-Nitrosodimethylamine	3.33	42	368196	41.642	ng	#	73
6) Aniline	6.74	93	1030623	40.681	ng		93
8) 2-Chlorophenol	6.96	128	593420	41.315	ng		81
9) Benzaldehyde	6.55	77	524936	40.362	ng	#	80
10) Phenol	6.62	94	880484	40.328	ng		96
11) bis(2-Chloroethyl)ether	6.84	93	692527	40.709	ng		93
12) 1,3-Dichlorobenzene	7.28	146	706620	40.367	ng	#	85
13) 1,4-Dichlorobenzene	7.43	146	720603	40.161	ng	#	91
14) 1,2-Dichlorobenzene	7.74	146	698602	40.722	ng	#	92
15) Benzyl Alcohol	7.64	79	772155	40.043	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.93	45	616377	40.265	ng		76
17) 2-Methylphenol	7.85	107	573931	41.131	ng	#	78
18) Hexachloroethane	8.45	117	308371	39.409	ng	#	73
19) n-Nitroso-di-n-propylamine	8.20	70	681409	39.892	ng	#	93
20) 3+4-Methylphenols	8.17	107	784040	40.421	ng	#	86
22) Acetophenone	8.21	105	1182690	41.199	ng	#	95
24) Nitrobenzene	8.58	77	1083106	40.963	ng		90
25) Isophorone	9.10	82	1737572	40.842	ng	#	86
26) 2-Nitrophenol	9.28	139	364283	43.299	ng	#	25
27) 2,4-Dimethylphenol	9.36	122	598596	40.417	ng	#	69
28) bis(2-Chloroethoxy)methane	9.59	93	973231	41.015	ng		97
29) 2,4-Dichlorophenol	9.81	162	679912	40.854	ng		95
30) 1,2,4-Trichlorobenzene	10.02	180	851678	41.389	ng		99
31) Naphthalene	10.20	128	1974917	40.993	ng		100
32) Benzoic acid	9.51	122	487290	40.933	ng	#	70
33) 4-Chloroaniline	10.32	127	784471	40.818	ng	#	76
34) Hexachlorobutadiene	10.49	225	660889	40.777	ng		98
35) Caprolactam	11.12	113	187597	39.748	ng		93
36) 4-Chloro-3-methylphenol	11.46	107	878077	40.861	ng	#	77
37) 2-Methylnaphthalene	11.83	142	1448812	40.937	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1151997	41.162	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	679221	41.650	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	702728	41.485	ng		98
43) 2,4,5-Trichlorophenol	12.53	196	689299	39.509	ng	#	88
45) 1,1'-Biphenyl	12.87	154	2273324	40.360	ng		98
46) 2-Chloronaphthalene	12.91	162	1664604	40.110	ng		92
47) 2-Nitroaniline	13.13	65	606059	41.279	ng	#	69
48) Acenaphthylene	13.77	152	2509951	40.526	ng		100
49) Dimethylphthalate	13.53	163	2237557	40.153	ng	#	98
50) 2,6-Dinitrotoluene	13.64	165	470763	41.776	ng	#	61
51) Acenaphthene	14.12	154	1542731	40.229	ng		98
52) 3-Nitroaniline	13.97	138	411943	42.126	ng	#	44
53) 2,4-Dinitrophenol	14.18	184	324141	40.474	ng	#	88
54) Dibenzofuran	14.46	168	2470566	39.760	ng	#	90
55) 4-Nitrophenol	14.29	139	351400	40.901	ng	#	1
56) 2,4-Dinitrotoluene	14.44	165	648803	41.012	ng	#	96
57) Fluorene	15.11	166	2161592	39.955	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.69	232	650491	39.778	ng	#	100
59) Diethylphthalate	14.91	149	2283645	40.127	ng		99
60) 4-Chlorophenyl-phenylether	15.12	204	1292836	39.580	ng		99
61) 4-Nitroaniline	15.14	138	431114	41.506	ng	#	1
62) Azobenzene	15.41	77	2427367	39.853	ng		89
64) 4,6-Dinitro-2-methylphenol	15.20	198	459736	42.320	ng		92
65) n-Nitrosodiphenylamine	15.33	169	1868684	40.691	ng		99
66) 4-Bromophenyl-phenylether	16.01	248	855253	41.459	ng	#	88
67) Hexachlorobenzene	16.12	284	949496	40.732	ng	#	88
68) Atrazine	16.30	200	782903	42.541	ng		95
69) Pentachlorophenol	16.46	266	625902	42.293	ng		98
70) Phenanthrene	16.85	178	3452834	41.093	ng		99
71) Anthracene	16.94	178	3473255	41.448	ng		99
72) Carbazole	17.22	167	3029638	41.341	ng		99
73) Di-n-butylphthalate	17.80	149	3788325	42.449	ng	#	97
74) Fluoranthene	18.88	202	4268411	40.993	ng		98
76) Benzidine	19.08	184	1759976	41.467	ng		99
77) Pyrene	19.24	202	4396328	41.704	ng		99
79) Butylbenzylphthalate	20.19	149	1614664	43.073	ng	#	71
80) Benzo(a)anthracene	21.01	228	4192441	41.385	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	1689207	42.505	ng	#	98
82) Chrysene	21.06	228	3936880	40.486	ng		100
83) Bis(2-ethylhexyl)phthalate	20.97	149	2366686	42.916	ng	#	99
84) Di-n-octyl phthalate	21.82	149	3836996	42.869	ng		100
85) Indeno(1,2,3-cd)pyrene	25.22	276	4127979	40.989	ng	#	100
87) Benzo(b)fluoranthene	22.52	252	4007002	40.538	ng	#	93
88) Benzo(k)fluoranthene	22.56	252	3867542	40.823	ng	#	94
89) Benzo(a)pyrene	23.05	252	3646665	40.771	ng	#	97
90) Dibenzo(a,h)anthracene	25.23	278	3356972	40.487	ng	#	92
91) Benzo(g,h,i)perylene	25.85	276	3276675	40.245	ng	#	86

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

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