Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098085.D
Acq On : 29 Aug 2017 00:06
Operator : SJ/JU
Sample : I4948-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2-COMPMSD

Quant Time: Aug 29 09:09:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108657	20.00	ng		-0.01
21) Naphthalene-d8	8.03	136	425937	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	185315	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	362771	20.00	ng		0.00
75) Chrysene-d12	13.90	240	287427	20.00	ng		0.00
86) Perylene-d12	15.31	264	196617	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	858479	120.18	ng		0.01
7) Phenol-d6	6.39	99	1117600	115.15	ng		0.00
23) Nitrobenzene-d5	7.31	82	751981	95.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	231922	144.24	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1096146	86.90	ng		0.00
78) Terphenyl-d14	12.84	244	1012969	73.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	132979	33.380	ng	#	76
3) Pyridine	3.23	79	332652	30.205	ng		87
4) n-Nitrosodimethylamine	3.17	42	149886	35.370	ng	#	78
6) Aniline	6.41	93	76178	5.587	ng	#	82
8) 2-Chlorophenol	6.53	128	297572	39.500	ng		94
9) Benzaldehyde	6.29	77	103019	16.757	ng		88
10) Phenol	6.40	94	389508	34.313	ng		90
11) bis(2-Chloroethyl)ether	6.49	93	326007	38.051	ng		94
12) 1,3-Dichlorobenzene	6.68	146	286704	35.381	ng	#	92
13) 1,4-Dichlorobenzene	6.76	146	292671	35.512	ng	#	91
14) 1,2-Dichlorobenzene	6.92	146	276069	36.328	ng		98
15) Benzyl Alcohol	6.89	79	265275	36.506	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	424491	36.824	ng		91
17) 2-Methylphenol	7.00	107	268655	40.467	ng		97
18) Hexachloroethane	7.25	117	115758	35.825	ng	#	79
19) n-Nitroso-di-n-propylamine	7.16	70	240920	36.260	ng	#	88
20) 3+4-Methylphenols	7.16	107	327908	40.439	ng	#	86
22) Acetophenone	7.16	105	441706	39.255	ng	#	88
24) Nitrobenzene	7.33	77	376134	43.085	ng		95
25) Isophorone	7.57	82	662701	40.648	ng		98
26) 2-Nitrophenol	7.65	139	145993	46.361	ng	#	84
27) 2,4-Dimethylphenol	7.69	122	275254	40.482	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	403849	37.678	ng		99
29) 2,4-Dichlorophenol	7.89	162	235269	41.684	ng		94
30) 1,2,4-Trichlorobenzene	7.97	180	240786	38.483	ng		99
31) Naphthalene	8.05	128	857814	38.793	ng		100
32) Benzoic acid	7.82	122	167231	35.657	ng		90
33) 4-Chloroaniline	8.10	127	43226	4.635	ng		99
34) Hexachlorobutadiene	8.16	225	133724	36.605	ng		98
35) Caprolactam	8.47	113	78517m	40.920	ng		
36) 4-Chloro-3-methylphenol	8.59	107	292001	40.266	ng	#	76
37) 2-Methylnaphthalene	8.74	142	556642	41.059	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	220824	38.828	ng	#	97
40) Hexachlorocyclopentadiene	8.89	237	217528	79.616	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	156931	41.100	ng		97
43) 2,4,5-Trichlorophenol	9.06	196	170544	45.022	ng		96
45) 1,1'-Biphenyl	9.20	154	651160	38.532	ng		97
46) 2-Chloronaphthalene	9.23	162	479325	38.388	ng	#	93
47) 2-Nitroaniline	9.33	65	187149	44.709	ng		94
48) Acenaphthylene	9.64	152	789531	40.266	ng		99
49) Dimethylphthalate	9.50	163	569946	42.075	ng		100
50) 2,6-Dinitrotoluene	9.57	165	124061	45.882	ng	#	65
51) Acenaphthene	9.81	154	469309	37.950	ng		99
52) 3-Nitroaniline	9.73	138	29657	8.501	ng		91
53) 2,4-Dinitrophenol	9.85	184	121369	92.541	ng	#	78
54) Dibenzofuran	9.99	168	707794	42.706	ng		99
55) 4-Nitrophenol	9.90	139	218918	78.666	ng	#	40
56) 2,4-Dinitrotoluene	9.97	165	165083	48.650	ng	#	61
57) Fluorene	10.33	166	538181	42.000	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	137827	46.995	ng		94
59) Diethylphthalate	10.20	149	575943	40.658	ng		100
60) 4-Chlorophenyl-phenylether	10.32	204	241219	40.521	ng	#	85
61) 4-Nitroaniline	10.35	138	105407	31.791	ng	#	73
62) Azobenzene	10.48	77	698489	41.511	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	77398	45.748	ng	#	79
65) n-Nitrosodiphenylamine	10.44	169	393914	31.887	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	147807	39.236	ng	#	90
67) Hexachlorobenzene	10.87	284	147871	38.511	ng	#	92
68) Atrazine	10.96	200	78448	23.945	ng		98
69) Pentachlorophenol	11.07	266	173467	77.483	ng		97
70) Phenanthrene	11.29	178	792525	40.998	ng		100
71) Anthracene	11.34	178	824639	42.059	ng		99
72) Carbazole	11.49	167	591952	31.806	ng		98
73) Di-n-butylphthalate	11.83	149	897933	41.886	ng		99
74) Fluoranthene	12.47	202	868320	43.035	ng		98
77) Pyrene	12.70	202	905711	38.527	ng		98
79) Butylbenzylphthalate	13.32	149	390449	43.320	ng	#	77
80) Benzo(a)anthracene	13.89	228	669082	38.840	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	25120	4.321	ng		98
82) Chrysene	13.92	228	662606	38.666	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	455915	45.648	ng	#	99
84) Di-n-octyl phthalate	14.49	149	802386	46.173	ng		98
85) Indeno(1,2,3-cd)pyrene	16.70	276	615226	48.803	ng		93
87) Benzo(b)fluoranthene	14.91	252	563400	45.460	ng		98
88) Benzo(k)fluoranthene	14.94	252	537556	46.167	ng	#	93
89) Benzo(a)pyrene	15.26	252	526294	47.969	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	506073	56.658	ng		99
91) Benzo(g,h,i)perylene	17.12	276	526140	56.453	ng	#	93

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

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