Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
Data File : BF098170.D
Acq On : 30 Aug 2017 21:58
Operator : SJ/JU
Sample : I4980-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : H26-WC1MS

Manual Integrations APPROVED
Sohil
8/31/2017 7:12:16 PM

Quant Time: Aug 31 07:44:54 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	6.72	152	119803	20.00	ng		-0.03
21) Naphthalene-d8	8.01	136	471227	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	195322	20.00	ng		-0.02
63) Phenanthrene-d10	11.24	188	311086	20.00	ng		-0.02
75) Chrysene-d12	13.89	240	207617	20.00	ng		-0.01
86) Perylene-d12	15.32	264	194396	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	985658	125.14	ng		-0.01
7) Phenol-d6	6.37	99	1339204	125.14	ng		-0.01
23) Nitrobenzene-d5	7.29	82	817765	94.27	ng		-0.03
41) 2,4,6-Tribromophenol	10.55	330	207051	122.17	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1156316	86.98	ng		-0.02
78) Terphenyl-d14	12.83	244	725455	72.87	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	148925	33.904	ng	#	87
3) Pyridine	3.13	79	447567	36.858	ng	#	83
4) n-Nitrosodimethylamine	3.09	42	170795	36.554	ng	#	74
6) Aniline	6.39	93	455631	30.308	ng	#	1
8) 2-Chlorophenol	6.52	128	354374	42.663	ng		100
9) Benzaldehyde	6.27	77	175366	25.871	ng		91
10) Phenol	6.39	94	554344	44.291	ng		99
11) bis(2-Chloroethyl)ether	6.47	93	420237	44.486	ng		95
12) 1,3-Dichlorobenzene	6.66	146	355439	39.782	ng	#	93
13) 1,4-Dichlorobenzene	6.75	146	361760	39.811	ng		94
14) 1,2-Dichlorobenzene	6.90	146	333486	39.801	ng		98
15) Benzyl Alcohol	6.87	79	338919	42.301	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	506339	39.838	ng		87
17) 2-Methylphenol	6.99	107	319562	43.657	ng		94
18) Hexachloroethane	7.23	117	135685	38.085	ng	#	81
19) n-Nitroso-di-n-propylamine	7.15	70	283988	38.766	ng	#	88
20) 3+4-Methylphenols	7.15	107	384518	43.009	ng		92
22) Acetophenone	7.14	105	512572	41.175	ng	#	89
24) Nitrobenzene	7.32	77	445636	46.140	ng		98
25) Isophorone	7.55	82	787585	43.665	ng		97
26) 2-Nitrophenol	7.63	139	176478	50.168	ng	#	82
27) 2,4-Dimethylphenol	7.67	122	322323	42.848	ng		94
28) bis(2-Chloroethoxy)methane	7.76	93	509820	42.993	ng		98
29) 2,4-Dichlorophenol	7.87	162	281068	45.012	ng		91
30) 1,2,4-Trichlorobenzene	7.95	180	283060	40.891	ng		99
31) Naphthalene	8.03	128	998436	40.813	ng		100
32) Benzoic acid	7.75	122	17900	9.235	ng		88
33) 4-Chloroaniline	8.09	127	307615	29.815	ng		98
34) Hexachlorobutadiene	8.15	225	160301	39.662	ng		97
35) Caprolactam	8.46	113	92627m	43.634	ng		
36) 4-Chloro-3-methylphenol	8.57	107	326214	40.661	ng	#	78
37) 2-Methylnaphthalene	8.72	142	635524	42.372	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	258243	43.081	ng		98
40) Hexachlorocyclopentadiene	8.87	237	127041	44.115	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	176026	43.739	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	179302	44.909	ng		97
45) 1,1'-Biphenyl	9.19	154	733223	41.166	ng		96
46) 2-Chloronaphthalene	9.21	162	538220	40.897	ng	#	91
47) 2-Nitroaniline	9.31	65	216776	49.134	ng		96
48) Acenaphthylene	9.62	152	848680	41.065	ng		100
49) Dimethylphthalate	9.49	163	827267	57.942	ng		99
50) 2,6-Dinitrotoluene	9.55	165	141268	49.569	ng	#	63
51) Acenaphthene	9.80	154	503649	38.641	ng		99
52) 3-Nitroaniline	9.72	138	127890	34.782	ng		87
53) 2,4-Dinitrophenol	9.82	184	14300	19.353	ng	#	75
54) Dibenzofuran	9.97	168	750088	42.939	ng		98
55) 4-Nitrophenol	9.89	139	204988	69.887	ng	#	55
56) 2,4-Dinitrotoluene	9.96	165	165492	46.271	ng	#	68
57) Fluorene	10.31	166	535158	39.624	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	132895	42.992	ng		93
59) Diethylphthalate	10.19	149	623353	41.750	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	254930	40.630	ng	#	83
61) 4-Nitroaniline	10.33	138	137104	39.232	ng		78
62) Azobenzene	10.46	77	695335	39.207	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	16305	17.515	ng	#	81
65) n-Nitrosodiphenylamine	10.42	169	493396	46.576	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	151409	46.870	ng		91
67) Hexachlorobenzene	10.86	284	141129	42.862	ng	#	92
68) Atrazine	10.96	200	135255	48.144	ng		97
69) Pentachlorophenol	11.05	266	137917	71.839	ng		99
70) Phenanthrene	11.27	178	721673	43.535	ng		99
71) Anthracene	11.32	178	711812	42.336	ng		99
72) Carbazole	11.47	167	666960	41.791	ng		98
73) Di-n-butylphthalate	11.81	149	813933	44.276	ng		99
74) Fluoranthene	12.46	202	687472	39.733	ng		99
77) Pyrene	12.68	202	694792	40.917	ng		99
79) Butylbenzylphthalate	13.31	149	290096	44.559	ng	#	79
80) Benzo(a)anthracene	13.87	228	507057	40.749	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	47190	11.239	ng		97
82) Chrysene	13.91	228	509387	41.152	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	344246	47.717	ng	#	99
84) Di-n-octyl phthalate	14.49	149	579788	46.189	ng		95
85) Indeno(1,2,3-cd)pyrene	16.70	276	528692	58.060	ng		96
87) Benzo(b)fluoranthene	14.91	252	535165	43.675	ng	#	93
88) Benzo(k)fluoranthene	14.94	252	404362	35.125	ng		99
89) Benzo(a)pyrene	15.26	252	469686	43.299	ng	#	95
90) Dibenzo(a,h)anthracene	16.72	278	435984	49.369	ng		99
91) Benzo(g,h,i)perylene	17.12	276	441930	47.959	ng		96

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

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