Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094832.D
Acq On : 3 May 2017 13:08
Operator : SJ/MA
Sample : I2921-09MSD 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-V10-ESWMSD

Manual Integrations APPROVED

Quant Time: May 03 17:45:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.72	152	67244	20.00	ng		0.00	
21) Naphthalene-d8	9.74	136	267434	20.00	ng		-0.01	
38) Acenaphthene-d10	12.58	164	103423	20.00	ng		0.00	
63) Phenanthrene-d10	14.98	188	163290	20.00	ng		0.00	
75) Chrysene-d12	18.64	240	137414	20.00	ng		-0.01	
86) Perylene-d12	20.31	264	119228	20.00	ng		0.00	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.68	112	107853	26.74	ng		0.00	
7) Phenol-d6	7.27	99	136013	28.11	ng		-0.01	
23) Nitrobenzene-d5	8.61	82	76106	17.95	ng		-0.02	5/4/2017 1:45:40 PM
41) 2,4,6-Tribromophenol	13.87	330	23447	27.68	ng		-0.01	
44) 2-Fluorobiphenyl	11.52	172	152356	21.20	ng		-0.01	
78) Terphenyl-d14	17.29	244	104554	16.76	ng		-0.02	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.09	88	13699	6.925	ng		96	
3) Pyridine	2.81	79	27097	5.911	ng		97	
4) n-Nitrosodimethylamine	2.70	42	13730	7.185	ng		96	
6) Aniline	7.22	93	33291	5.449	ng		96	
8) 2-Chlorophenol	7.41	128	41922	9.132	ng		94	
9) Benzaldehyde	7.05	77	6958	2.355	ng		97	
10) Phenol	7.29	94	54608	10.708	ng		93	
11) bis(2-Chloroethyl)ether	7.35	93	40032	9.509	ng		95	
12) 1,3-Dichlorobenzene	7.63	146	47328	9.088	ng		94	
13) 1,4-Dichlorobenzene	7.75	146	50461	9.555	ng		97	
14) 1,2-Dichlorobenzene	7.98	146	44533	9.034	ng		95	
15) Benzyl Alcohol	8.01	79	24945	8.014	ng		95	
16) 2,2'-oxybis(1-Chloropropan	8.21	45	51633	8.665	ng		87	
17) 2-Methylphenol	8.22	107	34266	9.121	ng	#	89	
18) Hexachloroethane	8.51	117	13583	7.592	ng	#	83	
19) n-Nitroso-di-n-propylamine	8.41	70	29959	9.154	ng		94	
20) 3+4-Methylphenols	8.49	107	47761	9.356	ng	#	61	
22) Acetophenone	8.39	105	61641	9.607	ng	#	85	
24) Nitrobenzene	8.65	77	40010	9.000	ng		93	
25) Isophorone	9.04	82	68225	9.009	ng		97	
26) 2-Nitrophenol	9.16	139	18207	7.590	ng		94	
27) 2,4-Dimethylphenol	9.30	122	35299	9.102	ng		98	
28) bis(2-Chloroethoxy)methane	9.42	93	49685	9.484	ng		97	
29) 2,4-Dichlorophenol	9.60	162	32885	8.981	ng		99	
30) 1,2,4-Trichlorobenzene	9.67	180	37246	9.494	ng		98	
31) Naphthalene	9.78	128	144447	10.747	ng		98	
32) Benzoic acid	9.54	122	10950	8.927	ng	#	51	
33) 4-Chloroaniline	9.92	127	26549	5.300	ng	#	92	
34) Hexachlorobutadiene	10.00	225	18585	8.978	ng		97	
35) Caprolactam	10.47	113	8947	8.137	ng	#	81	
36) 4-Chloro-3-methylphenol	10.78	107	33963	8.675	ng		92	
37) 2-Methylnaphthalene	10.91	142	87839	9.957	ng		97	
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	30016	9.437	ng		98	
40) Hexachlorocyclopentadiene	11.17	237	1548	7.126	ng		75	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	19922	9.381	ng		95
43) 2,4,5-Trichlorophenol	11.51	196	20215	8.857	ng	#	93
45) 1,1'-Biphenyl	11.67	154	88672	10.183	ng		98
46) 2-Chloronaphthalene	11.68	162	68333	9.719	ng		96
47) 2-Nitroaniline	11.90	65	17011	8.840	ng	#	85
48) Acenaphthylene	12.34	152	150966	13.708	ng		97
49) Dimethylphthalate	12.21	163	92995	10.953	ng		98
50) 2,6-Dinitrotoluene	12.30	165	15639	9.029	ng	#	92
51) Acenaphthene	12.62	154	64154	9.753	ng		100
52) 3-Nitroaniline	12.58	138	13618	7.325	ng	#	83
54) Dibenzofuran	12.91	168	99668	10.950	ng		96
55) 4-Nitrophenol	13.00	139	17171m	15.378	ng		
56) 2,4-Dinitrotoluene	12.97	165	18278	8.212	ng	#	82
57) Fluorene	13.47	166	81632	10.314	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.16	232	14653	10.201	ng	#	95
59) Diethylphthalate	13.36	149	81217	9.980	ng		100
60) 4-Chlorophenyl-phenylether	13.50	204	35002	10.062	ng		88
61) 4-Nitroaniline	13.57	138	12193	7.144	ng		94
62) Azobenzene	13.75	77	69582	10.641	ng		95
64) 4,6-Dinitro-2-methylphenol	13.65	198	509	0.465	ng		84
65) n-Nitrosodiphenylamine	13.70	169	64572	10.896	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	17992	10.429	ng		98
67) Hexachlorobenzene	14.36	284	17482	9.888	ng	#	87
68) Atrazine	14.61	200	18629	11.133	ng		96
69) Pentachlorophenol	14.72	266	10573	18.121	ng		93
70) Phenanthrene	15.01	178	140256	14.949	ng		96
71) Anthracene	15.09	178	142107	14.828	ng		97
72) Carbazole	15.38	167	95351	10.935	ng		98
73) Di-n-butylphthalate	15.95	149	115027	10.578	ng		99
74) Fluoranthene	16.75	202	290581	30.193	ng		99
77) Pyrene	17.05	202	277636	27.015	ng		99
79) Butylbenzylphthalate	17.97	149	44018	9.208	ng		92
80) Benzo(a)anthracene	18.63	228	170007	21.258	ng		95
81) 3,3'-Dichlorobenzidine	18.62	252	6628	2.400	ng	#	90
82) Chrysene	18.67	228	168188	21.749	ng		99
83) Bis(2-ethylhexyl)phthalate	18.71	149	68095	9.998	ng	#	98
84) Di-n-octyl phthalate	19.48	149	109229	9.782	ng	#	95
85) Indeno(1,2,3-cd)pyrene	21.60	276	96333	15.340	ng		94
87) Benzo(b)fluoranthene	19.90	252	177685	24.118	ng		98
88) Benzo(k)fluoranthene	19.93	252	99147	13.952	ng		96
89) Benzo(a)pyrene	20.25	252	119890	17.636	ng		98
90) Dibenzo(a,h)anthracene	21.61	278	56200	10.010	ng	#	95
91) Benzo(g,h,i)perylene	21.97	276	80143	14.546	ng		99

mohammad 5/4/2017 1:45:40 PM

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

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