Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098259.D
Acq On : 2 Sep 2017 21:28
Operator : SJ/JU
Sample : I5026-02MS 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-17(0-10)COMP

Manual Integrations APPROVED
mohammad
9/5/2017 4:57:06 PM

Quant Time: Sep 05 14:48:08 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	6.71	152	108922	20.00	ng		-0.04
21) Naphthalene-d8	7.99	136	396239	20.00	ng		-0.04
38) Acenaphthene-d10	9.75	164	150178	20.00	ng		-0.04
63) Phenanthrene-d10	11.23	188	268506	20.00	ng		-0.04
75) Chrysene-d12	13.86	240	266428	20.00	ng		-0.04
86) Perylene-d12	15.28	264	200245	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	142158	19.85	ng		-0.04
7) Phenol-d6	6.35	99	196745	20.22	ng		-0.04
23) Nitrobenzene-d5	7.27	82	116516	15.97	ng		-0.05
41) 2,4,6-Tribromophenol	10.53	330	15743	12.08	ng		-0.04
44) 2-Fluorobiphenyl	9.07	172	166868	16.32	ng		-0.04
78) Terphenyl-d14	12.81	244	131173	10.27	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	21479	5.378	ng		97
3) Pyridine	3.08	79	59732	5.410	ng	#	87
4) n-Nitrosodimethylamine	3.00	42	23632	5.563	ng		82
6) Aniline	6.37	93	48680	3.562	ng	#	79
8) 2-Chlorophenol	6.49	128	50133	6.638	ng		95
9) Benzaldehyde	6.26	77	17316	2.810	ng		88
10) Phenol	6.36	94	76769	6.746	ng		98
11) bis(2-Chloroethyl)ether	6.45	93	57857	6.736	ng		93
12) 1,3-Dichlorobenzene	6.65	146	52074	6.411	ng	#	96
13) 1,4-Dichlorobenzene	6.73	146	53981	6.534	ng		95
14) 1,2-Dichlorobenzene	6.88	146	50298	6.603	ng		97
15) Benzyl Alcohol	6.85	79	50722	6.963	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	74951	6.486	ng		89
17) 2-Methylphenol	6.97	107	44364	6.666	ng		97
18) Hexachloroethane	7.22	117	18110	5.591	ng	#	77
19) n-Nitroso-di-n-propylamine	7.12	70	44546	6.688	ng		91
20) 3+4-Methylphenols	7.13	107	57062	7.020	ng	#	79
22) Acetophenone	7.12	105	80253	7.667	ng	#	84
24) Nitrobenzene	7.29	77	61724	7.600	ng		95
25) Isophorone	7.53	82	107705	7.101	ng		95
26) 2-Nitrophenol	7.61	139	17743	10.628	ng	#	79
27) 2,4-Dimethylphenol	7.65	122	43206	6.831	ng		95
28) bis(2-Chloroethoxy)methane	7.75	93	71198	7.140	ng		98
29) 2,4-Dichlorophenol	7.86	162	32848	6.256	ng		95
30) 1,2,4-Trichlorobenzene	7.93	180	37960	6.522	ng		98
31) Naphthalene	8.02	128	146261	7.110	ng		99
33) 4-Chloroaniline	8.07	127	35709	4.116	ng		96
34) Hexachlorobutadiene	8.13	225	22122	6.509	ng		97
35) Caprolactam	8.40	113	10749	6.022	ng		95
36) 4-Chloro-3-methylphenol	8.55	107	39172	5.807	ng	#	74
37) 2-Methylnaphthalene	8.70	142	88263	6.998	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	33888	7.353	ng		98
42) 2,4,6-Trichlorophenol	8.99	196	12451	4.024	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	17431	5.678	ng	#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.17	154	99160	7.241	ng		96
46) 2-Chloronaphthalene	9.19	162	69110	6.830	ng	#	92
47) 2-Nitroaniline	9.29	65	25044	7.383	ng		93
48) Acenaphthylene	9.60	152	116002	7.300	ng		98
49) Dimethylphthalate	9.47	163	112869	10.282	ng		97
50) 2,6-Dinitrotoluene	9.53	165	15811	7.216	ng	#	72
51) Acenaphthene	9.77	154	72776	7.262	ng		97
52) 3-Nitroaniline	9.70	138	16926	5.987	ng		87
54) Dibenzofuran	9.95	168	102962	7.666	ng		97
55) 4-Nitrophenol	9.88	139	7214	3.199	ng	#	36
56) 2,4-Dinitrotoluene	9.94	165	18825	6.846	ng	#	59
57) Fluorene	10.29	166	82821	7.976	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.07	232	5736m	2.413	ng		
59) Diethylphthalate	10.16	149	85426	7.441	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	34852	7.224	ng	#	85
61) 4-Nitroaniline	10.30	138	18651	6.941	ng		75
62) Azobenzene	10.45	77	105832	7.761	ng		93
65) n-Nitrosodiphenylamine	10.40	169	67725	7.407	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	19591	7.026	ng		95
67) Hexachlorobenzene	10.84	284	17337	6.100	ng	#	87
68) Atrazine	10.93	200	19196	7.916	ng		97
70) Phenanthrene	11.25	178	156575	10.943	ng		98
71) Anthracene	11.30	178	123926	8.540	ng		99
72) Carbazole	11.46	167	105425	7.653	ng		98
73) Di-n-butylphthalate	11.79	149	130171	8.204	ng		99
74) Fluoranthene	12.44	202	231499	15.501	ng		99
76) Benzidine	12.56	184	46389	5.310	ng	#	92
77) Pyrene	12.67	202	227486	10.440	ng		97
79) Butylbenzylphthalate	13.29	149	58509	7.003	ng	#	66
80) Benzo(a)anthracene	13.85	228	155203	9.720	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	29856	5.541	ng		99
82) Chrysene	13.89	228	151445	9.534	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	99297	10.726	ng	#	100
84) Di-n-octyl phthalate	14.46	149	148741	9.234	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.65	276	78652	6.731	ng		93
87) Benzo(b)fluoranthene	14.87	252	148731m	11.783	ng		
88) Benzo(k)fluoranthene	14.90	252	100263	8.455	ng		97
89) Benzo(a)pyrene	15.22	252	111633	9.990	ng		97
90) Dibenzo(a,h)anthracene	16.66	278	55621	6.114	ng		98
91) Benzo(g,h,i)perylene	17.06	276	63218	6.660	ng		97

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

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