Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097851.D
Acq On : 18 Aug 2017 23:53
Operator : SJ/JU
Sample : I4646-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-L10-ESWMS

Manual Integrations APPROVED
mohammad
8/21/2017 8:19:26 AM

Quant Time: Aug 19 21:55:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	135211	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	528070	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	233197	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	430428	20.00	ng		0.00
75) Chrysene-d12	13.93	240	289577	20.00	ng		-0.01
86) Perylene-d12	15.36	264	274138	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	689350	77.55	ng		0.00
7) Phenol-d6	6.40	99	956798	79.22	ng		0.00
23) Nitrobenzene-d5	7.33	82	597677	61.49	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	172073	85.04	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	849610	53.53	ng		-0.01
78) Terphenyl-d14	12.88	244	681785	49.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	100581	20.289	ng		93
3) Pyridine	3.20	79	284804	20.781	ng		89
4) n-Nitrosodimethylamine	3.13	42	131878	25.009	ng		86
6) Aniline	6.47	93	255197	15.041	ng		94
8) 2-Chlorophenol	6.56	128	250493	26.720	ng		98
9) Benzaldehyde	6.32	77	147063	19.224	ng		85
10) Phenol	6.42	94	385367	27.281	ng		94
11) bis(2-Chloroethyl)ether	6.51	93	329121	30.870	ng		93
12) 1,3-Dichlorobenzene	6.71	146	236001	23.404	ng	#	92
13) 1,4-Dichlorobenzene	6.79	146	242856	23.680	ng	#	91
14) 1,2-Dichlorobenzene	6.95	146	236457	25.005	ng		98
15) Benzyl Alcohol	6.92	79	266346	29.455	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	369026	25.726	ng		92
17) 2-Methylphenol	7.03	107	229213	27.745	ng		96
18) Hexachloroethane	7.29	117	96071	23.893	ng	#	81
19) n-Nitroso-di-n-propylamine	7.19	70	206350	24.958	ng		92
20) 3+4-Methylphenols	7.18	107	275017	27.256	ng	#	89
22) Acetophenone	7.18	105	375113	26.889	ng	#	92
24) Nitrobenzene	7.36	77	329545	30.448	ng		96
25) Isophorone	7.59	82	578034	28.598	ng		95
26) 2-Nitrophenol	7.67	139	122409	33.055	ng	#	69
27) 2,4-Dimethylphenol	7.71	122	218729	25.947	ng		92
28) bis(2-Chloroethoxy)methane	7.81	93	359976	27.089	ng		99
29) 2,4-Dichlorophenol	7.91	162	196235	28.043	ng		92
30) 1,2,4-Trichlorobenzene	8.00	180	197848	25.505	ng		99
31) Naphthalene	8.08	128	730398	26.643	ng		100
32) Benzoic acid	7.77	122	23879m	9.773	ng		
33) 4-Chloroaniline	8.15	127	232433	20.103	ng		99
34) Hexachlorobutadiene	8.20	225	110569	24.413	ng		98
35) Caprolactam	8.48	113	77833m	32.718	ng		
36) 4-Chloro-3-methylphenol	8.61	107	246723	27.442	ng	#	80
37) 2-Methylnaphthalene	8.77	142	567363	33.756	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	184595	25.793	ng	#	98
40) Hexachlorocyclopentadiene	8.92	237	125006	36.358	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	132900	27.660	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	140558	29.487	ng		94
45) 1,1'-Biphenyl	9.23	154	567263	26.675	ng		96
46) 2-Chloronaphthalene	9.26	162	397574	25.303	ng	#	92
47) 2-Nitroaniline	9.35	65	164752	31.277	ng		92
48) Acenaphthylene	9.67	152	645261	26.151	ng		99
49) Dimethylphthalate	9.54	163	568029	33.323	ng		99
50) 2,6-Dinitrotoluene	9.60	165	99475	29.236	ng	#	65
51) Acenaphthene	9.85	154	450105	28.924	ng		99
52) 3-Nitroaniline	9.76	138	98773	22.500	ng		86
53) 2,4-Dinitrophenol	9.87	184	58223	41.554	ng	#	77
54) Dibenzofuran	10.02	168	616335	29.552	ng	#	93
55) 4-Nitrophenol	9.92	139	203900m	58.225	ng		
56) 2,4-Dinitrotoluene	10.00	165	146015	34.195	ng	#	43
57) Fluorene	10.36	166	545914	33.855	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.13	232	108403	29.373	ng	#	98
59) Diethylphthalate	10.24	149	453688	25.451	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	190455	25.424	ng	#	88
61) 4-Nitroaniline	10.37	138	104527	25.052	ng	#	72
62) Azobenzene	10.52	77	553413	26.136	ng		89
64) 4,6-Dinitro-2-methylphenol	10.40	198	57004	31.553	ng		85
65) n-Nitrosodiphenylamine	10.47	169	490708	33.479	ng		95
66) 4-Bromophenyl-phenylether	10.85	248	117861	26.369	ng		95
67) Hexachlorobenzene	10.91	284	116883	25.656	ng	#	88
68) Atrazine	11.00	200	117240	30.161	ng		98
69) Pentachlorophenol	11.10	266	136922	51.546	ng		100
70) Phenanthrene	11.32	178	1108718	48.339	ng		99
71) Anthracene	11.37	178	805208	34.612	ng		99
72) Carbazole	11.53	167	615748	27.884	ng		99
73) Di-n-butylphthalate	11.86	149	712152	27.998	ng		99
74) Fluoranthene	12.50	202	820044	34.254	ng		98
77) Pyrene	12.73	202	787766	33.261	ng		99
79) Butylbenzylphthalate	13.36	149	289235	31.852	ng	#	68
80) Benzo(a)anthracene	13.92	228	464309	26.753	ng		98
81) 3,3'-Dichlorobenzidine	13.88	252	96796	16.528	ng	#	95
82) Chrysene	13.96	228	479118	27.751	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	335408	33.333	ng		98
84) Di-n-octyl phthalate	14.53	149	620565	35.445	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.76	276	486247	38.285	ng		95
87) Benzo(b)fluoranthene	14.94	252	478925	27.716	ng		100
88) Benzo(k)fluoranthene	14.97	252	375370	23.122	ng	#	93
89) Benzo(a)pyrene	15.30	252	422532	27.621	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	396524	31.840	ng		98
91) Benzo(g,h,i)perylene	17.17	276	422564	32.518	ng	#	93

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

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