Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097920.D
Acq On : 21 Aug 2017 22:10
Operator : SJ/JU
Sample : I4820-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-I10-ESWMSD

Manual Integrations APPROVED
Sohil
8/22/2017 5:44:42 PM

Quant Time: Aug 22 05:52:23 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	6.75	152	111395	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	445164	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	187413	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	313265	20.00	ng		0.00
75) Chrysene-d12	13.90	240	225742	20.00	ng		0.00
86) Perylene-d12	15.32	264	173565	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	794609	108.50	ng		0.02
7) Phenol-d6	6.39	99	1093430	109.89	ng		0.00
23) Nitrobenzene-d5	7.32	82	679011	82.86	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	168499	103.62	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	942224	73.86	ng		0.00
78) Terphenyl-d14	12.85	244	576574	53.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	168852	41.342	ng		89
3) Pyridine	3.21	79	477543	42.295	ng		87
4) n-Nitrosodimethylamine	3.16	42	189588	43.639	ng		79
6) Aniline	6.42	93	375035	26.830	ng		99
8) 2-Chlorophenol	6.54	128	353654	45.790	ng		98
9) Benzaldehyde	6.30	77	254437	40.370	ng		88
10) Phenol	6.40	94	516331	44.368	ng		99
11) bis(2-Chloroethyl)ether	6.49	93	404728	46.078	ng		96
12) 1,3-Dichlorobenzene	6.69	146	352595	42.442	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	358218	42.397	ng	#	94
14) 1,2-Dichlorobenzene	6.92	146	333296	42.781	ng		99
15) Benzyl Alcohol	6.90	79	345748	46.410	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	508713	43.045	ng		90
17) 2-Methylphenol	7.01	107	319916	47.004	ng		95
18) Hexachloroethane	7.26	117	128799	38.881	ng	#	82
19) n-Nitroso-di-n-propylamine	7.17	70	281782	41.368	ng	#	88
20) 3+4-Methylphenols	7.17	107	375110	45.123	ng		96
22) Acetophenone	7.16	105	503604	42.823	ng	#	91
24) Nitrobenzene	7.33	77	448332	49.137	ng		91
25) Isophorone	7.58	82	790769	46.408	ng		97
26) 2-Nitrophenol	7.65	139	156977	47.544	ng	#	77
27) 2,4-Dimethylphenol	7.69	122	322231	45.344	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	494421	44.136	ng		98
29) 2,4-Dichlorophenol	7.90	162	268789	45.566	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	278742	42.625	ng		97
31) Naphthalene	8.06	128	1029685	44.554	ng		99
32) Benzoic acid	7.83	122	223506	43.812	ng		90
33) 4-Chloroaniline	8.10	127	185481	19.030	ng		97
34) Hexachlorobutadiene	8.17	225	156884	41.089	ng		96
35) Caprolactam	8.48	113	96287m	48.014	ng		
36) 4-Chloro-3-methylphenol	8.59	107	328451	43.337	ng	#	78
37) 2-Methylnaphthalene	8.75	142	650275	45.894	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	256196	44.543	ng		98
40) Hexachlorocyclopentadiene	8.90	237	92739	33.563	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	177672	46.011	ng		100
43) 2,4,5-Trichlorophenol	9.07	196	181834	47.465	ng		97
45) 1,1'-Biphenyl	9.21	154	724286	42.380	ng		96
46) 2-Chloronaphthalene	9.23	162	525738	41.634	ng	#	91
47) 2-Nitroaniline	9.33	65	227606	53.766	ng		95
48) Acenaphthylene	9.65	152	874676	44.109	ng		99
49) Dimethylphthalate	9.52	163	763991	55.768	ng		99
50) 2,6-Dinitrotoluene	9.57	165	124252	45.438	ng	#	53
51) Acenaphthene	9.82	154	531199	42.474	ng		99
52) 3-Nitroaniline	9.74	138	115184	32.648	ng		82
53) 2,4-Dinitrophenol	9.85	184	24327	26.473	ng	#	79
54) Dibenzofuran	9.99	168	759375	45.305	ng		98
55) 4-Nitrophenol	9.91	139	223106	79.274	ng	#	39
56) 2,4-Dinitrotoluene	9.98	165	158010	46.044	ng	#	63
57) Fluorene	10.33	166	551093	42.526	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.11	232	140313	47.307	ng		94
59) Diethylphthalate	10.22	149	656825	45.849	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	251764	41.819	ng		89
61) 4-Nitroaniline	10.35	138	141345	42.153	ng	#	68
62) Azobenzene	10.49	77	740976	43.543	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	18164	18.492	ng		92
65) n-Nitrosodiphenylamine	10.44	169	494975	46.400	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	152920	47.008	ng		98
67) Hexachlorobenzene	10.88	284	139694	42.131	ng	#	83
68) Atrazine	10.98	200	136915	48.396	ng		98
69) Pentachlorophenol	11.07	266	157789	81.618	ng		97
70) Phenanthrene	11.30	178	924932	55.408	ng		100
71) Anthracene	11.34	178	819255	48.387	ng		100
72) Carbazole	11.50	167	708565	44.089	ng		98
73) Di-n-butylphthalate	11.84	149	914441	49.398	ng		99
74) Fluoranthene	12.48	202	1149200	65.957	ng		99
76) Benzidine	12.60	184	405518	54.788	ng	#	92
77) Pyrene	12.71	202	1173921	63.582	ng		99
79) Butylbenzylphthalate	13.33	149	361130	51.016	ng	#	78
80) Benzo(a)anthracene	13.90	228	788213	58.258	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	197154	43.184	ng	#	97
82) Chrysene	13.93	228	793642	58.968	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	415311	52.946	ng	#	99
84) Di-n-octyl phthalate	14.50	149	807218	59.144	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	599239m	60.524	ng		
87) Benzo(b)fluoranthene	14.92	252	870026	79.525	ng		99
88) Benzo(k)fluoranthene	14.95	252	513899m	49.997	ng		
89) Benzo(a)pyrene	15.27	252	683756	70.598	ng		98
90) Dibenzo(a,h)anthracene	16.73	278	355873	45.134	ng		99
91) Benzo(g,h,i)perylene	17.13	276	508400	61.795	ng	#	93

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

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