Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100889.D
Acq On : 27 Nov 2017 13:58
Operator : SJ/JU
Sample : I6570-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P003-S001-0001-01MS

Manual Integrations APPROVED
Sohil
11/28/2017 2:45:28 PM

Quant Time: Nov 28 06:22:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	66476	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	270033	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	129221	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	253393	20.00	ng		0.00
75) Chrysene-d12	14.02	240	141525	20.00	ng		0.00
86) Perylene-d12	15.49	264	153783	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	393187	94.81	ng		0.00
7) Phenol-d6	6.49	99	475666	93.02	ng		0.00
23) Nitrobenzene-d5	7.42	82	301292	73.77	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	148223	112.57	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	644045	75.89	ng		0.00
78) Terphenyl-d14	12.97	244	565668	91.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	48050	23.776	ng		96
3) Pyridine	3.44	79	126727	22.984	ng		97
4) n-Nitrosodimethylamine	3.38	42	69316	25.893	ng		89
6) Aniline	6.52	93	112616	15.588	ng		98
8) 2-Chlorophenol	6.65	128	157346	35.865	ng		95
9) Benzaldehyde	6.41	77	41147	11.267	ng		91
10) Phenol	6.50	94	199895	37.235	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	138329	30.677	ng		96
12) 1,3-Dichlorobenzene	6.80	146	170012	33.612	ng		98
13) 1,4-Dichlorobenzene	6.87	146	171622	33.524	ng		98
14) 1,2-Dichlorobenzene	7.03	146	164780	34.813	ng		97
15) Benzyl Alcohol	7.00	79	132710	33.252	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	236522	32.795	ng		99
17) 2-Methylphenol	7.11	107	131422	35.055	ng		97
18) Hexachloroethane	7.37	117	56825	33.666	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	107970	30.445	ng		94
20) 3+4-Methylphenols	7.26	107	164193	34.609	ng	#	77
22) Acetophenone	7.27	105	212823	32.321	ng	#	95
24) Nitrobenzene	7.44	77	157099	37.370	ng		99
25) Isophorone	7.68	82	288602	33.625	ng		97
26) 2-Nitrophenol	7.76	139	87081	44.609	ng		95
27) 2,4-Dimethylphenol	7.79	122	138882	36.096	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	184634	32.886	ng		98
29) 2,4-Dichlorophenol	8.00	162	141631	38.559	ng		96
30) 1,2,4-Trichlorobenzene	8.08	180	144748	36.431	ng		97
31) Naphthalene	8.16	128	450734	34.655	ng		99
32) Benzoic acid	7.86	122	7667	11.465	ng		95
33) 4-Chloroaniline	8.21	127	71250	13.161	ng		98
34) Hexachlorobutadiene	8.27	225	82993	35.132	ng		96
35) Caprolactam	8.58	113	38678m	30.684	ng		
36) 4-Chloro-3-methylphenol	8.69	107	144295	36.578	ng		98
37) 2-Methylnaphthalene	8.85	142	313991	36.363	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	147088	34.321	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	94803	47.002	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	106446	39.190	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	110900	39.408	ng		93
45) 1,1'-Biphenyl	9.32	154	379409	33.948	ng		98
46) 2-Chloronaphthalene	9.35	162	297167	36.651	ng		95
47) 2-Nitroaniline	9.44	65	90065	38.197	ng		97
48) Acenaphthylene	9.76	152	466393	34.710	ng		98
49) Dimethylphthalate	9.62	163	445944	45.199	ng		98
50) 2,6-Dinitrotoluene	9.68	165	80746	41.345	ng		93
51) Acenaphthene	9.93	154	268595	32.868	ng		98
52) 3-Nitroaniline	9.85	138	56603	24.544	ng		94
53) 2,4-Dinitrophenol	9.96	184	14711	28.561	ng	#	13
54) Dibenzofuran	10.10	168	404525	35.319	ng		97
55) 4-Nitrophenol	10.02	139	113207	60.456	ng		93
56) 2,4-Dinitrotoluene	10.09	165	104679	42.488	ng	#	91
57) Fluorene	10.45	166	317097	37.792	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	90885	39.406	ng	#	85
59) Diethylphthalate	10.32	149	348419	35.289	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	155583	37.799	ng		92
61) 4-Nitroaniline	10.47	138	76372	34.925	ng		86
62) Azobenzene	10.60	77	294846	31.707	ng		92
64) 4,6-Dinitro-2-methylphenol	10.49	198	29786	27.694	ng		86
65) n-Nitrosodiphenylamine	10.56	169	299546	33.998	ng		94
66) 4-Bromophenyl-phenylether	10.93	248	96315	35.458	ng	#	84
67) Hexachlorobenzene	10.99	284	99209	34.921	ng	#	89
68) Atrazine	11.08	200	97208	36.448	ng		97
69) Pentachlorophenol	11.19	266	99894	49.037	ng		97
70) Phenanthrene	11.41	178	458369	34.357	ng		99
71) Anthracene	11.46	178	472314	34.894	ng		98
72) Carbazole	11.62	167	414893	33.220	ng		99
73) Di-n-butylphthalate	11.94	149	518967	35.508	ng		99
74) Fluoranthene	12.60	202	438690	31.026	ng		94
76) Benzidine	12.72	184	111414	19.657	ng		97
77) Pyrene	12.83	202	423782	42.007	ng		100
79) Butylbenzylphthalate	13.44	149	177323	43.100	ng	#	89
80) Benzo(a)anthracene	14.01	228	304902	35.776	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	78937	25.851	ng	#	94
82) Chrysene	14.05	228	292365	35.425	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	235722	43.562	ng		99
84) Di-n-octyl phthalate	14.60	149	355278	38.218	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	337847	50.611	ng	#	93
87) Benzo(b)fluoranthene	15.06	252	289295	31.753	ng		98
88) Benzo(k)fluoranthene	15.09	252	283066	32.882	ng	#	95
89) Benzo(a)pyrene	15.43	252	282797	35.012	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	280056	42.397	ng	#	95
91) Benzo(g,h,i)perylene	17.42	276	273314	42.269	ng	#	92

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

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