Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101300.D
Acq On : 11 Dec 2017 20:03
Operator : SJ/JU
Sample : I6764-08MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MAP-2-E(7-8)MS

Manual Integrations APPROVED
Sohil
12/12/2017 3:59:17 PM

Quant Time: Dec 12 02:19:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	45788	20.00	ng		0.01
21) Naphthalene-d8	8.12	136	178919	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	77201	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	127963	20.00	ng		0.00
75) Chrysene-d12	14.02	240	98370	20.00	ng		0.01
86) Perylene-d12	15.49	264	83503	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	319353	115.25	ng		0.02
7) Phenol-d6	6.47	99	383699	114.05	ng		0.01
23) Nitrobenzene-d5	7.40	82	231273	77.11	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	86602	93.38	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	448932	79.56	ng		0.00
78) Terphenyl-d14	12.94	244	335837	74.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	36351	31.725	ng		96
3) Pyridine	3.40	79	100525	33.843	ng		97
4) n-Nitrosodimethylamine	3.35	42	55633	38.347	ng	#	90
6) Aniline	6.50	93	108987	24.913	ng	#	86
8) 2-Chlorophenol	6.62	128	119743	39.633	ng		97
9) Benzaldehyde	6.39	77	34723	16.864	ng		94
10) Phenol	6.49	94	153718	41.093	ng		81
11) bis(2-Chloroethyl)ether	6.57	93	106111	37.818	ng		97
12) 1,3-Dichlorobenzene	6.77	146	134021	38.096	ng		97
13) 1,4-Dichlorobenzene	6.85	146	137199	37.669	ng		97
14) 1,2-Dichlorobenzene	7.00	146	128942	37.954	ng		96
15) Benzyl Alcohol	6.98	79	95801	36.870	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	164884	43.232	ng		86
17) 2-Methylphenol	7.09	107	96660	39.621	ng		93
18) Hexachloroethane	7.34	117	35929	30.704	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	79826	35.233	ng		94
20) 3+4-Methylphenols	7.25	107	122936	38.639	ng	#	66
22) Acetophenone	7.25	105	155102	35.882	ng	#	90
24) Nitrobenzene	7.42	77	116000	39.462	ng		95
25) Isophorone	7.66	82	209489	40.890	ng		100
26) 2-Nitrophenol	7.73	139	51673	32.022	ng		96
27) 2,4-Dimethylphenol	7.77	122	102757	44.020	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	132154	38.380	ng		99
29) 2,4-Dichlorophenol	7.98	162	100573	39.581	ng		96
30) 1,2,4-Trichlorobenzene	8.06	180	107079	38.325	ng		97
31) Naphthalene	8.14	128	334570	37.941	ng		99
32) Benzoic acid	7.87	122	9004m	4.959	ng		
33) 4-Chloroaniline	8.19	127	68475	19.326	ng		99
34) Hexachlorobutadiene	8.25	225	62893	36.701	ng		97
35) Caprolactam	8.57	113	27521m	34.755	ng		
36) 4-Chloro-3-methylphenol	8.68	107	98641	37.477	ng		97
37) 2-Methylnaphthalene	8.83	142	226630	37.824	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	100059	35.677	ng	#	95
40) Hexachlorocyclopentadiene	8.97	237	951	9.007	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	66283	40.317	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	67403	38.349	ng	#	91
45) 1,1'-Biphenyl	9.29	154	257502	36.405	ng		98
46) 2-Chloronaphthalene	9.32	162	202219	40.257	ng		97
47) 2-Nitroaniline	9.42	65	60742	40.871	ng		97
48) Acenaphthylene	9.74	152	301084	36.472	ng		99
49) Dimethylphthalate	9.59	163	294010	47.222	ng		99
50) 2,6-Dinitrotoluene	9.66	165	47467	36.197	ng		99
51) Acenaphthene	9.91	154	177972	36.004	ng		99
52) 3-Nitroaniline	9.83	138	52079	35.315	ng		100
54) Dibenzofuran	10.08	168	264187	37.087	ng		99
55) 4-Nitrophenol	10.01	139	53482	53.775	ng		93
56) 2,4-Dinitrotoluene	10.07	165	54804	31.184	ng	#	90
57) Fluorene	10.42	166	207397	35.815	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	49274	35.013	ng	#	82
59) Diethylphthalate	10.29	149	229343	37.346	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	104538	36.563	ng		94
61) 4-Nitroaniline	10.45	138	50705	33.123	ng		95
62) Azobenzene	10.57	77	182657	35.048	ng		94
65) n-Nitrosodiphenylamine	10.53	169	190005	42.089	ng		96
66) 4-Bromophenyl-phenylether	10.90	248	59456	41.510	ng	#	85
67) Hexachlorobenzene	10.98	284	59668	38.869	ng	#	80
68) Atrazine	11.06	200	57375	41.433	ng		95
69) Pentachlorophenol	11.17	266	39486	46.781	ng		95
70) Phenanthrene	11.39	178	260630	36.985	ng		98
71) Anthracene	11.44	178	265795	37.268	ng		98
72) Carbazole	11.60	167	232320	35.652	ng		98
73) Di-n-butylphthalate	11.92	149	318892	39.043	ng		98
74) Fluoranthene	12.58	202	251894	32.247	ng		95
76) Benzidine	12.70	184	147951	46.252	ng		97
77) Pyrene	12.82	202	249873	36.812	ng		97
79) Butylbenzylphthalate	13.42	149	111495	37.256	ng		96
80) Benzo(a)anthracene	14.00	228	229348	36.926	ng		98
81) 3,3'-Dichlorobenzidine	13.96	252	85242	39.629	ng	#	97
82) Chrysene	14.04	228	217548	37.715	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	157677	36.952	ng		99
84) Di-n-octyl phthalate	14.59	149	262930	37.008	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	158556	30.919	ng	#	92
87) Benzo(b)fluoranthene	15.06	252	196689	39.325	ng		97
88) Benzo(k)fluoranthene	15.09	252	188785	38.311	ng	#	96
89) Benzo(a)pyrene	15.43	252	174097	38.288	ng		97
90) Dibenzo(a,h)anthracene	16.99	278	135574	33.820	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	124470	32.947	ng	#	91

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

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