Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106586.D
Acq On : 19 Jun 2018 17:07
Operator : JU/SJ
Sample : PB110378BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110378BS

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:32 PM

Quant Time: Jun 19 17:50:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	119268	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	458866	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	226192	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	456115	20.00	ng		0.00
75) Chrysene-d12	14.16	240	310632	20.00	ng		0.00
86) Perylene-d12	15.71	264	282146	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	755994	107.33	ng		0.01
7) Phenol-d6	6.61	99	990858	112.65	ng		0.00
23) Nitrobenzene-d5	7.53	82	678575	82.18	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	323573	123.42	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1183985	89.35	ng		0.00
78) Terphenyl-d14	13.08	244	1308001	102.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	115646	31.936	ng		96
3) Pyridine	3.66	79	343426	34.970	ng		97
4) n-Nitrosodimethylamine	3.62	42	153126	36.711	ng		92
6) Aniline	6.63	93	245470	20.573	ng	#	87
8) 2-Chlorophenol	6.76	128	297784	38.546	ng		97
9) Benzaldehyde	6.51	77	190904	29.756	ng		98
10) Phenol	6.62	94	371736	37.032	ng		82
11) bis(2-Chloroethyl)ether	6.70	93	305547	36.870	ng		94
12) 1,3-Dichlorobenzene	6.90	146	344068	38.026	ng		99
13) 1,4-Dichlorobenzene	6.98	146	346638	37.894	ng		100
14) 1,2-Dichlorobenzene	7.13	146	318373	37.976	ng		100
15) Benzyl Alcohol	7.10	79	275631	39.026	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	466913	42.943	ng		85
17) 2-Methylphenol	7.22	107	263360	39.836	ng	#	94
18) Hexachloroethane	7.47	117	125417	38.987	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	209738	36.174	ng		94
20) 3+4-Methylphenols	7.37	107	309419	42.752	ng	#	73
22) Acetophenone	7.37	105	409117	39.852	ng	#	93
24) Nitrobenzene	7.55	77	344679	40.887	ng		99
25) Isophorone	7.78	82	640377	44.013	ng		99
26) 2-Nitrophenol	7.86	139	172406	43.323	ng		99
27) 2,4-Dimethylphenol	7.90	122	284449	46.245	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	400211	40.967	ng		99
29) 2,4-Dichlorophenol	8.11	162	279903	43.466	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	286783	40.426	ng		96
31) Naphthalene	8.27	128	864370	40.291	ng		99
32) Benzoic acid	8.02	122	155869m	36.409	ng		
33) 4-Chloroaniline	8.31	127	84295	9.364	ng		97
34) Hexachlorobutadiene	8.38	225	184506	39.915	ng		98
35) Caprolactam	8.70	113	85969m	40.954	ng		
36) 4-Chloro-3-methylphenol	8.81	107	299173	44.138	ng		97
37) 2-Methylnaphthalene	8.96	142	600756	42.248	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	305809	40.146	ng		98
40) Hexachlorocyclopentadiene	9.11	237	339417	86.605	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	209939	41.462	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	221347	41.894	ng		94
45) 1,1'-Biphenyl	9.42	154	709515	39.360	ng		99
46) 2-Chloronaphthalene	9.45	162	574954	40.520	ng		97
47) 2-Nitroaniline	9.55	65	196206	41.121	ng		90
48) Acenaphthylene	9.87	152	909060	40.579	ng		98
49) Dimethylphthalate	9.72	163	688734	40.598	ng		99
50) 2,6-Dinitrotoluene	9.79	165	154834	43.101	ng		99
51) Acenaphthene	10.04	154	524570	37.185	ng		99
52) 3-Nitroaniline	9.96	138	65559	15.859	ng		99
53) 2,4-Dinitrophenol	10.07	184	136290	73.440	ng	#	14
54) Dibenzofuran	10.21	168	784131	40.593	ng		96
55) 4-Nitrophenol	10.14	139	208110	72.124	ng		93
56) 2,4-Dinitrotoluene	10.20	165	206969	44.139	ng		99
57) Fluorene	10.56	166	602047	39.276	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	186790	44.474	ng	#	82
59) Diethylphthalate	10.42	149	656598	40.101	ng		95
60) 4-Chlorophenyl-phenylether	10.54	204	313481	39.086	ng		93
61) 4-Nitroaniline	10.58	138	157991	38.510	ng		99
62) Azobenzene	10.71	77	671930	41.672	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	107160	38.007	ng		75
65) n-Nitrosodiphenylamine	10.67	169	584489	38.098	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	224191	41.185	ng	#	85
67) Hexachlorobenzene	11.11	284	234502	41.160	ng	#	81
68) Atrazine	11.19	200	205109	42.055	ng		97
69) Pentachlorophenol	11.30	266	198682	69.890	ng		98
70) Phenanthrene	11.52	178	901983	41.000	ng		99
71) Anthracene	11.58	178	926482	41.260	ng		98
72) Carbazole	11.73	167	815805	38.805	ng		99
73) Di-n-butylphthalate	12.05	149	1006273	40.629	ng		99
74) Fluoranthene	12.72	202	955853	39.420	ng		97
76) Benzidine	12.84	184	313383	35.424	ng		98
77) Pyrene	12.95	202	969407	47.325	ng		99
79) Butylbenzylphthalate	13.55	149	394787	46.876	ng	#	97
80) Benzo(a)anthracene	14.15	228	779294	41.162	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	117487	17.657	ng	#	96
82) Chrysene	14.19	228	717156	41.175	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	505862	46.981	ng		99
84) Di-n-octyl phthalate	14.76	149	700920	39.936	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	815863	55.197	ng	#	92
87) Benzo(b)fluoranthene	15.25	252	661551m	37.745	ng		
88) Benzo(k)fluoranthene	15.28	252	634130	37.993	ng	#	97
89) Benzo(a)pyrene	15.64	252	638965	41.010	ng		97
90) Dibenzo(a,h)anthracene	17.31	278	673515	51.006	ng	#	95
91) Benzo(g,h,i)perylene	17.77	276	693703	53.749	ng	#	91

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

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