Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108420.D
Acq On : 23 Aug 2018 11:49
Operator : JU/SJ
Sample : PB112242BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112242BS

Manual Integrations APPROVED
Sohil
8/24/2018 12:13:55 PM

Quant Time: Aug 23 12:27:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	146935	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	555982	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	283279	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	568776	20.00	ng		0.00
75) Chrysene-d12	14.20	240	410604	20.00	ng		0.00
86) Perylene-d12	15.75	264	283631	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1000625	123.29	ng		0.01
7) Phenol-d6	6.63	99	1363990	126.47	ng		0.00
23) Nitrobenzene-d5	7.57	82	905572	90.89	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	422903	149.67	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1738574	98.53	ng		0.00
78) Terphenyl-d14	13.13	244	1857592	115.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	134262	32.195	ng		90
3) Pyridine	3.76	79	390130	36.316	ng		85
4) n-Nitrosodimethylamine	3.73	42	218038	36.071	ng	#	82
6) Aniline	6.67	93	430524	29.347	ng		96
8) 2-Chlorophenol	6.79	128	389016	42.559	ng		94
9) Benzaldehyde	6.55	77	245846	29.401	ng		95
10) Phenol	6.64	94	498806	44.713	ng		91
11) bis(2-Chloroethyl)ether	6.74	93	374131	41.483	ng		94
12) 1,3-Dichlorobenzene	6.94	146	434595	41.119	ng		99
13) 1,4-Dichlorobenzene	7.02	146	439159	41.356	ng		98
14) 1,2-Dichlorobenzene	7.17	146	412915	41.804	ng		99
15) Benzyl Alcohol	7.14	79	352109	38.782	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	710852	38.259	ng		99
17) 2-Methylphenol	7.25	107	353871	45.144	ng		94
18) Hexachloroethane	7.51	117	158671	41.971	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	297763	40.828	ng		89
20) 3+4-Methylphenols	7.40	107	422717	42.082	ng	#	75
22) Acetophenone	7.41	105	559739	43.056	ng	#	90
24) Nitrobenzene	7.58	77	441088	43.779	ng		95
25) Isophorone	7.82	82	818721	43.111	ng		97
26) 2-Nitrophenol	7.90	139	200484	52.691	ng		93
27) 2,4-Dimethylphenol	7.93	122	381848	45.303	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	492410	44.415	ng		99
29) 2,4-Dichlorophenol	8.14	162	365020	47.059	ng		96
30) 1,2,4-Trichlorobenzene	8.22	180	378113	44.213	ng		97
31) Naphthalene	8.31	128	1152384	45.576	ng		99
32) Benzoic acid	8.05	122	166274	35.738	ng		91
33) 4-Chloroaniline	8.35	127	237889	21.589	ng		98
34) Hexachlorobutadiene	8.41	225	243227	44.927	ng		100
35) Caprolactam	8.73	113	105441m	43.378	ng		
36) 4-Chloro-3-methylphenol	8.84	107	385894	46.117	ng		100
37) 2-Methylnaphthalene	9.00	142	807662	45.148	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	405708	46.637	ng		98
40) Hexachlorocyclopentadiene	9.15	237	415165	73.887	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	267841	49.616 ng		99
43) 2,4,5-Trichlorophenol	9.32	196	291010	48.971 ng		96
45) 1,1'-Biphenyl	9.47	154	989187	47.361 ng		98
46) 2-Chloronaphthalene	9.50	162	763091	46.227 ng		98
47) 2-Nitroaniline	9.59	65	255951	47.920 ng		90
48) Acenaphthylene	9.91	152	1231987	47.207 ng		99
49) Dimethylphthalate	9.77	163	928093	47.033 ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	204908	49.633 ng		98
51) Acenaphthene	10.08	154	720255	45.060 ng		98
52) 3-Nitroaniline	10.00	138	127659	28.262 ng		95
53) 2,4-Dinitrophenol	10.11	184	118211	76.816 ng	#	22
54) Dibenzofuran	10.26	168	1075864	46.457 ng		99
55) 4-Nitrophenol	10.17	139	284348	83.129 ng		87
56) 2,4-Dinitrotoluene	10.24	165	274442	51.644 ng	#	93
57) Fluorene	10.60	166	862059	47.024 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	246064	49.541 ng	#	85
59) Diethylphthalate	10.46	149	900788	47.142 ng		97
60) 4-Chlorophenyl-phenylether	10.59	204	447834	46.882 ng	#	88
61) 4-Nitroaniline	10.62	138	204610	45.816 ng		92
62) Azobenzene	10.75	77	903565	45.789 ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	92991	44.045 ng		93
65) n-Nitrosodiphenylamine	10.71	169	777131	46.236 ng		97
66) 4-Bromophenyl-phenylether	11.08	248	291619	47.179 ng	#	83
67) Hexachlorobenzene	11.15	284	304365	46.800 ng	#	85
68) Atrazine	11.23	200	268253	47.584 ng		97
69) Pentachlorophenol	11.35	266	273784	87.953 ng		99
70) Phenanthrene	11.57	178	1242761	46.325 ng		99
71) Anthracene	11.62	178	1280617	46.575 ng		99
72) Carbazole	11.78	167	1091686	44.687 ng		99
73) Di-n-butylphthalate	12.09	149	1369982	49.510 ng		99
74) Fluoranthene	12.77	202	1325889	45.285 ng		96
76) Benzidine	12.88	184	624451	40.704 ng		98
77) Pyrene	13.00	202	1320223	50.787 ng		99
79) Butylbenzylphthalate	13.60	149	563029	54.544 ng	#	95
80) Benzo(a)anthracene	14.19	228	1103431	46.826 ng		98
81) 3,3'-Dichlorobenzidine	14.14	252	182592	21.622 ng	#	96
82) Chrysene	14.23	228	1007851	46.652 ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	771634	55.202 ng		99
84) Di-n-octyl phthalate	14.77	149	1207085	56.622 ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	770198	41.146 ng	#	90
87) Benzo(b)fluoranthene	15.29	252	834470	49.237 ng	#	96
88) Benzo(k)fluoranthene	15.32	252	762043	48.913 ng	#	96
89) Benzo(a)pyrene	15.69	252	719315	47.396 ng		98
90) Dibenzo(a,h)anthracene	17.39	278	644213	51.303 ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	647588	52.373 ng	#	91

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

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