Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106583.D
Acq On : 19 Jun 2018 15:46
Operator : JU/SJ
Sample : PB110009BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110009BS

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:27 PM

Quant Time: Jun 19 16:20:30 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	115261	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	442214	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	216869	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	427467	20.00	ng		0.00
75) Chrysene-d12	14.16	240	269742	20.00	ng		0.00
86) Perylene-d12	15.71	264	265992	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	758541	111.44	ng		0.01
7) Phenol-d6	6.61	99	976362	114.86	ng		0.00
23) Nitrobenzene-d5	7.53	82	669266	84.11	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	312366	124.27	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1167183	92.38	ng		0.00
78) Terphenyl-d14	13.08	244	1224124	109.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	112906	32.264	ng		95
3) Pyridine	3.66	79	338556	35.672	ng		98
4) n-Nitrosodimethylamine	3.62	42	149779	37.157	ng		88
6) Aniline	6.63	93	244903	21.239	ng	#	77
8) 2-Chlorophenol	6.76	128	292973	39.242	ng		98
9) Benzaldehyde	6.51	77	181213	29.089	ng		96
10) Phenol	6.62	94	357533	36.855	ng		83
11) bis(2-Chloroethyl)ether	6.70	93	298968	37.331	ng		99
12) 1,3-Dichlorobenzene	6.90	146	333990	38.196	ng		99
13) 1,4-Dichlorobenzene	6.98	146	337487	38.176	ng		99
14) 1,2-Dichlorobenzene	7.13	146	310414	38.314	ng		99
15) Benzyl Alcohol	7.11	79	269374	39.466	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.23	45	453800	43.188	ng		82
17) 2-Methylphenol	7.22	107	251061	39.296	ng	#	93
18) Hexachloroethane	7.47	117	120855	38.875	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	202820	36.197	ng		96
20) 3+4-Methylphenols	7.37	107	300211	42.983	ng	#	71
22) Acetophenone	7.37	105	396812	40.109	ng	#	92
24) Nitrobenzene	7.55	77	331326	40.783	ng		100
25) Isophorone	7.78	82	611879	43.637	ng		100
26) 2-Nitrophenol	7.86	139	165851	43.245	ng		97
27) 2,4-Dimethylphenol	7.90	122	273386	46.120	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	388269	41.241	ng		99
29) 2,4-Dichlorophenol	8.11	162	268706	43.298	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	277771	40.630	ng		96
31) Naphthalene	8.27	128	838828	40.572	ng		99
32) Benzoic acid	8.02	122	159832m	38.374	ng		
33) 4-Chloroaniline	8.31	127	84410	9.730	ng		98
34) Hexachlorobutadiene	8.38	225	181156	40.666	ng		99
35) Caprolactam	8.70	113	85570m	42.299	ng		
36) 4-Chloro-3-methylphenol	8.81	107	284560	43.563	ng		98
37) 2-Methylnaphthalene	8.96	142	582922	42.537	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	296261	40.564	ng		97
40) Hexachlorocyclopentadiene	9.11	237	339296	90.296	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	204830	42.192	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	214982	42.438	ng		94
45) 1,1'-Biphenyl	9.42	154	691211	39.993	ng		100
46) 2-Chloronaphthalene	9.45	162	556303	40.891	ng		96
47) 2-Nitroaniline	9.55	65	186116	40.683	ng		89
48) Acenaphthylene	9.87	152	874690	40.723	ng		99
49) Dimethylphthalate	9.72	163	660516	40.609	ng		99
50) 2,6-Dinitrotoluene	9.79	165	146661	42.581	ng		99
51) Acenaphthene	10.04	154	511220	37.797	ng		99
52) 3-Nitroaniline	9.96	138	65959	16.642	ng		99
53) 2,4-Dinitrophenol	10.07	184	120628	68.207	ng	#	20
54) Dibenzofuran	10.21	168	751525	40.578	ng		97
55) 4-Nitrophenol	10.14	139	192959	69.748	ng		91
56) 2,4-Dinitrotoluene	10.20	165	195495	43.485	ng	#	97
57) Fluorene	10.56	166	583564	39.707	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	179141	44.487	ng	#	83
59) Diethylphthalate	10.42	149	628057	40.006	ng		94
60) 4-Chlorophenyl-phenylether	10.54	204	302309	39.314	ng		93
61) 4-Nitroaniline	10.58	138	146525	37.251	ng		98
62) Azobenzene	10.71	77	642455	41.557	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	95297	36.065	ng		91
65) n-Nitrosodiphenylamine	10.67	169	562823	39.145	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	211282	41.415	ng	#	84
67) Hexachlorobenzene	11.10	284	222553	41.680	ng	#	88
68) Atrazine	11.19	200	188683	41.280	ng		96
69) Pentachlorophenol	11.30	266	182394	68.461	ng		98
70) Phenanthrene	11.52	178	864837	41.947	ng		99
71) Anthracene	11.58	178	878418	41.741	ng		98
72) Carbazole	11.73	167	758424	38.493	ng		99
73) Di-n-butylphthalate	12.05	149	941632	40.567	ng		99
74) Fluoranthene	12.72	202	888175	39.084	ng		96
76) Benzidine	12.84	184	228211	29.707	ng		97
77) Pyrene	12.95	202	872656	49.060	ng		99
79) Butylbenzylphthalate	13.55	149	342973	46.897	ng	#	97
80) Benzo(a)anthracene	14.15	228	691253	42.047	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	141138	24.427	ng	#	97
82) Chrysene	14.18	228	643017	42.514	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	429255	45.910	ng		99
84) Di-n-octyl phthalate	14.76	149	623378	40.902	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	802575	62.529	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	639294	38.691	ng	#	97
88) Benzo(k)fluoranthene	15.28	252	604935	38.445	ng	#	96
89) Benzo(a)pyrene	15.64	252	632307	43.047	ng		97
90) Dibenzo(a,h)anthracene	17.31	278	666916	53.573	ng	#	94
91) Benzo(g,h,i)perylene	17.77	276	696177	57.216	ng	#	92

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

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