Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107468.D
Acq On : 18 Jul 2018 11:07
Operator : JU/SJ
Sample : PB111134BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111134BS

Manual Integrations APPROVED
Sohil
7/19/2018 11:49:14 AM

Quant Time: Jul 18 13:15:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	118852	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	511187	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	291238	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	622222	20.00	ng		0.00
75) Chrysene-d12	14.18	240	449562	20.00	ng		0.00
86) Perylene-d12	15.71	264	339347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	382509	48.88	ng		0.00
7) Phenol-d6	6.61	99	487920	48.22	ng		0.00
23) Nitrobenzene-d5	7.55	82	358144	37.36	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	132660	51.84	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	656686	30.67	ng		0.00
78) Terphenyl-d14	13.11	244	824408	45.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	124306	32.174	ng		93
3) Pyridine	3.70	79	352722	33.849	ng	#	91
4) n-Nitrosodimethylamine	3.67	42	190354	44.486	ng		86
6) Aniline	6.65	93	368172	27.527	ng	#	90
8) 2-Chlorophenol	6.77	128	341919	43.204	ng		92
9) Benzaldehyde	6.54	77	210729	25.891	ng		86
10) Phenol	6.62	94	448640	41.360	ng	#	69
11) bis(2-Chloroethyl)ether	6.72	93	347034	39.204	ng		97
12) 1,3-Dichlorobenzene	6.92	146	366081	38.100	ng	#	86
13) 1,4-Dichlorobenzene	7.00	146	377091	39.591	ng	#	91
14) 1,2-Dichlorobenzene	7.15	146	358651	40.244	ng	#	90
15) Benzyl Alcohol	7.12	79	430833	42.401	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.25	45	378674	40.088	ng		80
17) 2-Methylphenol	7.23	107	318862	42.376	ng	#	85
18) Hexachloroethane	7.50	117	156083	44.042	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	288052	39.763	ng	#	94
20) 3+4-Methylphenols	7.38	107	365293	38.216	ng	#	65
22) Acetophenone	7.40	105	503561	35.853	ng	#	89
24) Nitrobenzene	7.57	77	454297	42.169	ng		91
25) Isophorone	7.81	82	783074	41.211	ng	#	94
26) 2-Nitrophenol	7.88	139	195257	53.318	ng	#	66
27) 2,4-Dimethylphenol	7.91	122	325300	42.597	ng	#	73
28) bis(2-Chloroethoxy)methane	8.01	93	458529	38.532	ng		98
29) 2,4-Dichlorophenol	8.12	162	324559	40.841	ng		90
30) 1,2,4-Trichlorobenzene	8.21	180	356972	37.095	ng		97
31) Naphthalene	8.29	128	986327	39.723	ng		96
32) Benzoic acid	8.03	122	204913	43.721	ng	#	83
33) 4-Chloroaniline	8.34	127	221890	20.634	ng	#	89
34) Hexachlorobutadiene	8.40	225	243351	37.792	ng		99
35) Caprolactam	8.72	113	120576m	46.643	ng		
36) 4-Chloro-3-methylphenol	8.82	107	415162	39.982	ng		85
37) 2-Methylnaphthalene	8.98	142	708786	43.306	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	416307	36.733	ng		99
40) Hexachlorocyclopentadiene	9.13	237	488403	82.509	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	270649	38.257	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	286850	42.384	ng		94
45) 1,1'-Biphenyl	9.45	154	893615	35.488	ng		95
46) 2-Chloronaphthalene	9.48	162	720086	36.207	ng		96
47) 2-Nitroaniline	9.57	65	289169	47.512	ng	#	76
48) Acenaphthylene	9.90	152	1096242	39.498	ng		96
49) Dimethylphthalate	9.75	163	922094	39.849	ng		97
50) 2,6-Dinitrotoluene	9.81	165	201251	45.577	ng	#	63
51) Acenaphthene	10.07	154	670129	36.422	ng		96
52) 3-Nitroaniline	9.98	138	107809	23.245	ng	#	72
53) 2,4-Dinitrophenol	10.10	184	218562	92.827	ng	#	27
54) Dibenzofuran	10.24	168	1029753	36.218	ng		94
55) 4-Nitrophenol	10.15	139	285088	75.963	ng	#	45
56) 2,4-Dinitrotoluene	10.22	165	279836	48.621	ng	#	72
57) Fluorene	10.58	166	766979	40.730	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	251398	38.348	ng	#	89
59) Diethylphthalate	10.45	149	924044	41.104	ng		95
60) 4-Chlorophenyl-phenylether	10.57	204	427750	38.136	ng		100
61) 4-Nitroaniline	10.61	138	189389	42.908	ng	#	53
62) Azobenzene	10.73	77	990536	37.521	ng		88
64) 4,6-Dinitro-2-methylphenol	10.63	198	167174	49.802	ng		83
65) n-Nitrosodiphenylamine	10.69	169	745509	37.936	ng		96
66) 4-Bromophenyl-phenylether	11.07	248	266431	37.426	ng		96
67) Hexachlorobenzene	11.13	284	253036	38.399	ng	#	91
68) Atrazine	11.22	200	292935	39.446	ng		96
69) Pentachlorophenol	11.32	266	278346	57.159	ng		97
70) Phenanthrene	11.55	178	1231761	39.723	ng		97
71) Anthracene	11.61	178	1280106	41.447	ng		99
72) Carbazole	11.76	167	1055427	36.095	ng		96
73) Di-n-butylphthalate	12.07	149	1402755	41.744	ng	#	98
74) Fluoranthene	12.74	202	1392111	39.499	ng		96
76) Benzidine	12.86	184	520231	29.817	ng	#	94
77) Pyrene	12.98	202	1367639	44.736	ng		97
79) Butylbenzylphthalate	13.58	149	587662	52.773	ng	#	91
80) Benzo(a)anthracene	14.17	228	1138780	41.400	ng		97
81) 3,3'-Dichlorobenzidine	14.12	252	226938	24.600	ng	#	98
82) Chrysene	14.21	228	1085067	41.295	ng		98
83) Bis(2-ethylhexyl)phthalate	14.14	149	764810	47.928	ng		95
84) Di-n-octyl phthalate	14.75	149	1180884	47.605	ng		99
85) Indeno(1,2,3-cd)pyrene	17.30	276	810791	43.350	ng	#	89
87) Benzo(b)fluoranthene	15.25	252	890981	44.857	ng	#	94
88) Benzo(k)fluoranthene	15.29	252	775293	39.996	ng	#	93
89) Benzo(a)pyrene	15.65	252	783647	42.985	ng	#	95
90) Dibenzo(a,h)anthracene	17.32	278	657683	47.801	ng	#	90
91) Benzo(g,h,i)perylene	17.78	276	687788	49.196	ng	#	87

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

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