Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121023.D
Acq On : 27 Jul 2020 10:22
Operator : JU/CG
Sample : PB130459BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130459BS

Quant Time: Jul 27 11:08:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170231	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	631254	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	314965	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	565918	20.00	ng		0.00
76) Chrysene-d12	13.97	240	398833	20.00	ng		0.00
86) Perylene-d12	15.42	264	382585	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1080800	104.08	ng		0.02
7) Phenol-d6	6.45	99	1313700	97.94	ng		0.00
23) Nitrobenzene-d5	7.38	82	830079	76.09	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	373751	108.41	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1481487	70.23	ng		0.00
79) Terphenyl-d14	12.92	244	1401032	76.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	163701	34.254	ng		99
3) Pyridine	3.36	79	404187	31.793	ng		98
4) n-Nitrosodimethylamine	3.30	42	203249	37.388	ng		96
6) Aniline	6.47	93	524477	29.954	ng		98
8) 2-Chlorophenol	6.60	128	452763	39.579	ng		100
9) Benzaldehyde	6.36	77	311683	51.825	ng		98
10) Phenol	6.46	94	530292	35.939	ng		95
11) bis(2-Chloroethyl)ether	6.55	93	428973	37.935	ng		100
12) 1,3-Dichlorobenzene	6.76	146	468222	37.747	ng		99
13) 1,4-Dichlorobenzene	6.83	146	467021	37.863	ng		100
14) 1,2-Dichlorobenzene	6.99	146	457877	39.240	ng		100
15) Benzyl Alcohol	6.96	79	345821	36.456	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	593908	36.438	ng		99
17) 2-Methylphenol	7.07	107	350361	34.556	ng		99
18) Hexachloroethane	7.33	117	174856	39.168	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	268470	35.198	ng		100
20) 3+4-Methylphenols	7.22	107	390111	30.246	ng	#	84
22) Acetophenone	7.23	105	550100	38.829	ng		97
24) Nitrobenzene	7.40	77	441360	37.536	ng		100
25) Isophorone	7.64	82	810083	37.206	ng		99
26) 2-Nitrophenol	7.72	139	236462	42.344	ng		99
27) 2,4-Dimethylphenol	7.75	122	374457	41.300	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	527291	39.674	ng		100
29) 2,4-Dichlorophenol	7.96	162	360294	38.888	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	398571	38.775	ng		99
31) Naphthalene	8.12	128	1234063	38.111	ng		100
32) Benzoic acid	7.87	122	255046	37.473	ng		97
33) 4-Chloroaniline	8.17	127	306923	21.248	ng		99
34) Hexachlorobutadiene	8.24	225	231058	38.131	ng		99
35) Caprolactam	8.55	113	109571	36.879	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	367071	38.631	ng		95
37) 2-Methylnaphthalene	8.81	142	823769	39.181	ng		99
38) 1-Methylnaphthalene	8.91	142	770823	38.711	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	367166	40.010	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	428763	84.539	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	260252	40.279	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	270326	36.883	ng		96
46) 1,1'-Biphenyl	9.27	154	982525	40.895	ng		100
47) 2-Chloronaphthalene	9.30	162	759064	38.751	ng		99
48) 2-Nitroaniline	9.39	65	226364	38.239	ng		99
49) Acenaphthylene	9.72	152	1203522	39.550	ng		99
50) Dimethylphthalate	9.58	163	869814	38.279	ng		100
51) 2,6-Dinitrotoluene	9.64	165	193979	39.735	ng		89
52) Acenaphthene	9.89	154	697907	36.073	ng		100
53) 3-Nitroaniline	9.80	138	141196	23.061	ng		97
54) 2,4-Dinitrophenol	9.92	184	176848	64.394	ng	#	84
55) Dibenzofuran	10.06	168	1058659	37.840	ng		99
56) 4-Nitrophenol	9.97	139	318887	68.564	ng		98
57) 2,4-Dinitrotoluene	10.04	165	255002	39.777	ng		92
58) Fluorene	10.40	166	764997	36.662	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	230426	41.293	ng		96
60) Diethylphthalate	10.27	149	857694	37.318	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	384066	34.509	ng		97
62) 4-Nitroaniline	10.42	138	205802	34.507	ng		97
63) Azobenzene	10.55	77	812515	37.134	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	120969	37.820	ng		90
66) n-Nitrosodiphenylamine	10.52	169	732931	41.170	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	253900	40.241	ng		97
68) Hexachlorobenzene	10.95	284	284359	41.663	ng	#	89
69) Atrazine	11.04	200	203876	46.241	ng		98
70) Pentachlorophenol	11.15	266	318191	81.377	ng		99
71) Phenanthrene	11.36	178	1143041	39.273	ng		99
72) Anthracene	11.42	178	1192821	40.814	ng		100
73) Carbazole	11.57	167	1087062	37.480	ng		100
74) Di-n-butylphthalate	11.90	149	1301049	38.871	ng		100
75) Fluoranthene	12.54	202	1224508	37.956	ng		99
77) Benzidine	12.67	184	545358	52.008	ng		99
78) Pyrene	12.77	202	1255811	44.536	ng		100
80) Butylbenzylphthalate	13.40	149	527577	41.971	ng		95
81) Benzo(a)anthracene	13.96	228	970600	40.188	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	311061	34.139	ng		99
83) Chrysene	14.00	228	1025503	40.405	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	679967	43.868	ng		100
85) Di-n-octyl phthalate	14.56	149	1223175	39.664	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1044341	39.250	ng		99
88) Benzo(b)fluoranthene	15.00	252	956257	41.350	ng		99
89) Benzo(k)fluoranthene	15.03	252	941317	44.632	ng		98
90) Benzo(a)pyrene	15.36	252	859373	40.730	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	877666	40.382	ng		98
92) Benzo(g,h,i)perylene	17.29	276	861629	40.207	ng		99

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

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