Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121027.D
Acq On : 27 Jul 2020 12:22
Operator : JU/CG
Sample : PB130493BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130493BS

Manual Integrations APPROVED
mohammad
7/28/2020 11:43:12 AM

Quant Time: Jul 27 12:59:51 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	166671	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	629632	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	317507	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	589610	20.00	ng		0.00
76) Chrysene-d12	13.97	240	435581	20.00	ng		0.00
86) Perylene-d12	15.42	264	403579	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1027010	101.02	ng		0.01
7) Phenol-d6	6.45	99	1259972	95.94	ng		0.00
23) Nitrobenzene-d5	7.38	82	794863	73.05	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	370347	106.56	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1442423	67.83	ng		0.00
79) Terphenyl-d14	12.92	244	1572368	78.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	171109	36.569	ng		99
3) Pyridine	3.33	79	451556	36.277	ng		99
4) n-Nitrosodimethylamine	3.28	42	207792	39.040	ng		94
6) Aniline	6.47	93	495636	28.912	ng		98
8) 2-Chlorophenol	6.60	128	466595	41.660	ng		100
9) Benzaldehyde	6.36	77	107694	13.523	ng		99
10) Phenol	6.46	94	546214	37.809	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	438256	39.583	ng		99
12) 1,3-Dichlorobenzene	6.76	146	477345	39.304	ng		99
13) 1,4-Dichlorobenzene	6.83	146	482833	39.981	ng		99
14) 1,2-Dichlorobenzene	6.99	146	442102	38.697	ng		98
15) Benzyl Alcohol	6.96	79	341889	36.812	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	609869	38.216	ng		98
17) 2-Methylphenol	7.07	107	356599	35.922	ng		99
18) Hexachloroethane	7.33	117	179195	40.997	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	275104	36.838	ng		100
20) 3+4-Methylphenols	7.22	107	399441	31.631	ng	#	87
22) Acetophenone	7.23	105	542207	38.370	ng		96
24) Nitrobenzene	7.40	77	463021	39.480	ng		99
25) Isophorone	7.64	82	826095	38.039	ng		99
26) 2-Nitrophenol	7.72	139	243074	43.640	ng		99
27) 2,4-Dimethylphenol	7.75	122	362465	40.080	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	535852	40.422	ng		100
29) 2,4-Dichlorophenol	7.96	162	377016	40.798	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	411114	40.098	ng		99
31) Naphthalene	8.12	128	1250499	38.719	ng		100
32) Benzoic acid	7.88	122	283243	41.723	ng		97
33) 4-Chloroaniline	8.17	127	336851	23.380	ng		98
34) Hexachlorobutadiene	8.24	225	237152	39.237	ng		99
35) Caprolactam	8.54	113	110632	37.332	ng		92
36) 4-Chloro-3-methylphenol	8.66	107	379482	40.040	ng		96
37) 2-Methylnaphthalene	8.81	142	839642	40.039	ng		99
38) 1-Methylnaphthalene	8.91	142	795707	40.063	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	375935	40.638	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	392346	76.739	ng		97
43) 2,4,6-Trichlorophenol	9.09	196	267618	41.087	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	291256	39.421	ng		99
46) 1,1'-Biphenyl	9.27	154	987389	40.768	ng		99
47) 2-Chloronaphthalene	9.30	162	789135	39.964	ng		99
48) 2-Nitroaniline	9.39	65	237571	39.811	ng		100
49) Acenaphthylene	9.72	152	1212091	39.512	ng		100
50) Dimethylphthalate	9.58	163	900666	39.320	ng		99
51) 2,6-Dinitrotoluene	9.64	165	204328	41.520	ng		87
52) Acenaphthene	9.89	154	847224m	43.441	ng		
53) 3-Nitroaniline	9.80	138	167282	27.103	ng		96
54) 2,4-Dinitrophenol	9.92	184	206652	73.556	ng	#	85
55) Dibenzofuran	10.06	168	1091144	38.689	ng		99
56) 4-Nitrophenol	9.97	139	340031	72.525	ng		99
57) 2,4-Dinitrotoluene	10.04	165	267314	41.364	ng		92
58) Fluorene	10.40	166	799377	38.003	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	245399	43.624	ng		98
60) Diethylphthalate	10.27	149	901353	38.903	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	394285	35.143	ng		98
62) 4-Nitroaniline	10.42	138	221131	36.780	ng		95
63) Azobenzene	10.55	77	850685	38.567	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	141007	41.856	ng		92
66) n-Nitrosodiphenylamine	10.51	169	759422	40.944	ng		100
67) 4-Bromophenyl-phenylether	10.88	248	263222	40.042	ng		95
68) Hexachlorobenzene	10.95	284	297525	41.840	ng		96
69) Atrazine	11.04	200	212379	46.234	ng		97
70) Pentachlorophenol	11.15	266	330358	81.094	ng		99
71) Phenanthrene	11.36	178	1188810	39.204	ng		100
72) Anthracene	11.42	178	1240167	40.729	ng		100
73) Carbazole	11.57	167	1157143	38.293	ng		100
74) Di-n-butylphthalate	11.90	149	1392226	39.924	ng		100
75) Fluoranthene	12.55	202	1316720	39.175	ng		97
77) Benzidine	12.67	184	288461	25.188	ng		99
78) Pyrene	12.77	202	1329042	43.157	ng		99
80) Butylbenzylphthalate	13.40	149	571491	41.629	ng		94
81) Benzo(a)anthracene	13.96	228	1046464	39.674	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	341880	34.356	ng		99
83) Chrysene	14.00	228	1119634	40.392	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	726816	42.934	ng		99
85) Di-n-octyl phthalate	14.57	149	1338476	39.741	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1126718	40.143	ng		99
88) Benzo(b)fluoranthene	15.00	252	1054396	43.222	ng		99
89) Benzo(k)fluoranthene	15.03	252	1042334	46.851	ng		100
90) Benzo(a)pyrene	15.36	252	947284	42.561	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	949323	41.406	ng		98
92) Benzo(g,h,i)perylene	17.29	276	896902	39.676	ng		99

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

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