Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121098.D
Acq On : 29 Jul 2020 13:07
Operator : JU/CG
Sample : PB130545BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130545BSD

Manual Integrations APPROVED
mohammad
7/30/2020 3:33:22 PM

Quant Time: Jul 29 15:15:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	164343	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	606457	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	302081	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	563542	20.00	ng	0.00
76) Chrysene-d12	13.96	240	417213	20.00	ng	0.00
86) Perylene-d12	15.40	264	414540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	773609	77.17	ng	0.01
7) Phenol-d6	6.44	99	936842	72.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	861293	82.18	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	278940	84.36	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1536515	75.94	ng	0.00
79) Terphenyl-d14	12.91	244	1585988	82.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	155925	33.796	ng	99
3) Pyridine	3.33	79	370204	30.163	ng	99
4) n-Nitrosodimethylamine	3.27	42	192341	36.649	ng	96
6) Aniline	6.46	93	520950	30.819	ng	95
8) 2-Chlorophenol	6.59	128	436484	39.523	ng	97
9) Benzaldehyde	6.35	77	290284	49.121	ng	99
10) Phenol	6.46	94	520980	36.573	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	410953	37.643	ng	99
12) 1,3-Dichlorobenzene	6.75	146	446759	37.307	ng	99
13) 1,4-Dichlorobenzene	6.82	146	448518	37.666	ng	99
14) 1,2-Dichlorobenzene	6.97	146	414979	36.837	ng	99
15) Benzyl Alcohol	6.95	79	321998	35.161	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	566442	35.998	ng	100
17) 2-Methylphenol	7.06	107	345043	35.250	ng	99
18) Hexachloroethane	7.32	117	169166	39.251	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	260443	35.369	ng	99
20) 3+4-Methylphenols	7.22	107	391181	31.416	ng	96
22) Acetophenone	7.21	105	538286	39.549	ng	97
24) Nitrobenzene	7.39	77	427687	37.861	ng	99
25) Isophorone	7.63	82	790468	37.790	ng	98
26) 2-Nitrophenol	7.70	139	228716	42.631	ng	98
27) 2,4-Dimethylphenol	7.75	122	370129	42.492	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	508633	39.835	ng	100
29) 2,4-Dichlorophenol	7.95	162	346667	38.947	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	382207	38.703	ng	98
31) Naphthalene	8.11	128	1194276	38.391	ng	100
32) Benzoic acid	7.87	122	239875	36.685	ng	99
33) 4-Chloroaniline	8.16	127	365608	26.346	ng	99
34) Hexachlorobutadiene	8.23	225	223627	38.413	ng	100
35) Caprolactam	8.53	113	108072m	37.861	ng	
36) 4-Chloro-3-methylphenol	8.65	107	354504	38.833	ng	96
37) 2-Methylnaphthalene	8.80	142	801847	39.698	ng	100
38) 1-Methylnaphthalene	8.90	142	752132	39.316	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	360712	40.984	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	420423	86.430	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	255875	41.290	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	267589	38.067	ng		98
46) 1,1'-Biphenyl	9.26	154	954909	41.441	ng		99
47) 2-Chloronaphthalene	9.29	162	735667	39.159	ng		99
48) 2-Nitroaniline	9.38	65	221506	39.015	ng		97
49) Acenaphthylene	9.70	152	1172820	40.185	ng		99
50) Dimethylphthalate	9.56	163	850271	39.015	ng		100
51) 2,6-Dinitrotoluene	9.63	165	191439	40.888	ng		90
52) Acenaphthene	9.87	154	783793m	42.241	ng		
53) 3-Nitroaniline	9.79	138	146520	24.952	ng		99
54) 2,4-Dinitrophenol	9.90	184	187144	70.343	ng		97
55) Dibenzofuran	10.05	168	1035782	38.601	ng		99
56) 4-Nitrophenol	9.96	139	322166	72.224	ng		96
57) 2,4-Dinitrotoluene	10.03	165	249983	40.657	ng		89
58) Fluorene	10.39	166	750924	37.522	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	228757	42.742	ng		99
60) Diethylphthalate	10.26	149	847835	38.462	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	376042	35.229	ng		96
62) 4-Nitroaniline	10.41	138	206862	36.164	ng		99
63) Azobenzene	10.54	77	806047	38.410	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	128948	40.213	ng		94
66) n-Nitrosodiphenylamine	10.50	169	726496	40.980	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	251627	40.049	ng		98
68) Hexachlorobenzene	10.93	284	278441	40.968	ng	#	92
69) Atrazine	11.03	200	201729	45.947	ng		99
70) Pentachlorophenol	11.13	266	308164	79.145	ng		98
71) Phenanthrene	11.35	178	1128665	38.942	ng		100
72) Anthracene	11.40	178	1173146	40.310	ng		99
73) Carbazole	11.56	167	1078126	37.328	ng		99
74) Di-n-butylphthalate	11.89	149	1319546	39.590	ng		100
75) Fluoranthene	12.53	202	1233958	38.410	ng		98
77) Benzidine	12.66	184	718655	65.515	ng		99
78) Pyrene	12.76	202	1262052	42.786	ng		100
80) Butylbenzylphthalate	13.38	149	561374	42.692	ng		93
81) Benzo(a)anthracene	13.95	228	1014934	40.173	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	303804	31.874	ng		98
83) Chrysene	13.99	228	1044696	39.348	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	720473	44.433	ng		100
85) Di-n-octyl phthalate	14.55	149	1332198	41.296	ng		99
87) Indeno(1,2,3-cd)pyrene	16.83	276	1152750	39.985	ng		99
88) Benzo(b)fluoranthene	14.99	252	1115130	44.503	ng		100
89) Benzo(k)fluoranthene	15.02	252	921098	40.307	ng		99
90) Benzo(a)pyrene	15.34	252	940432	41.136	ng		98
91) Dibenzo(a,h)anthracene	16.84	278	959407	40.740	ng		99
92) Benzo(g,h,i)perylene	17.26	276	971088	41.822	ng		99

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

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