Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123719.D
Acq On : 24 Apr 2021 16:17
Operator : JU/CG
Sample : M2107-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0MS

Manual Integrations APPROVED
mohammad
4/26/2021 11:38:37 AM

Quant Time: Apr 26 06:08:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 05:40:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	226170	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	892717	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	435129	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	854304	20.00	ng		0.00
76) Chrysene-d12	13.998	240	594973	20.00	ng		0.00
86) Perylene-d12	15.451	264	475366	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1625692	116.18	ng		0.00
7) Phenol-d6	6.463	99	2115479	109.10	ng		0.00
23) Nitrobenzene-d5	7.386	82	1503594	77.43	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	616958	125.21	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2241889	76.80	ng		0.00
79) Terphenyl-d14	12.939	244	2415342	78.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	297209	40.65	ng		96
3) Pyridine	3.310	79	817762	45.74	ng		94
4) n-Nitrosodimethylamine	3.257	42	498472	47.06	ng		96
6) Aniline	6.481	93	760069	33.30	ng	#	58
8) 2-Chlorophenol	6.610	128	715970	47.63	ng		99
9) Benzaldehyde	6.369	77	486531	38.43	ng		98
10) Phenol	6.475	94	969429	47.07	ng		87
11) bis(2-Chloroethyl)ether	6.557	93	742078	48.46	ng		99
12) 1,3-Dichlorobenzene	6.763	146	715468	46.30	ng		97
13) 1,4-Dichlorobenzene	6.839	146	724509	46.20	ng		97
14) 1,2-Dichlorobenzene	6.992	146	688245	46.71	ng		98
15) Benzyl Alcohol	6.969	79	739846	48.36	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1561715	45.18	ng		99
17) 2-Methylphenol	7.081	107	616290	47.72	ng		97
18) Hexachloroethane	7.333	117	293565	46.96	ng		95
19) n-Nitroso-di-n-propyla...	7.239	70	559505	43.56	ng		97
20) 3+4-Methylphenols	7.233	107	744949	45.20	ng	#	82
22) Acetophenone	7.233	105	1064935	43.01	ng		92
24) Nitrobenzene	7.404	77	871927	42.65	ng		95
25) Isophorone	7.645	82	1620655	43.02	ng		99
26) 2-Nitrophenol	7.722	139	376024	53.82	ng		99
27) 2,4-Dimethylphenol	7.763	122	661806	51.33	ng		97
28) bis(2-Chloroethoxy)met...	7.857	93	918193	48.57	ng		99
29) 2,4-Dichlorophenol	7.969	162	572815	45.63	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	584332	43.31	ng		99
31) Naphthalene	8.133	128	1991981	43.32	ng		100
32) Benzoic acid	7.892	122	385510	45.23	ng		95
33) 4-Chloroaniline	8.175	127	199741	10.58	ng		95
34) Hexachlorobutadiene	8.251	225	358951	42.40	ng		98
35) Caprolactam	8.551	113	221946m	50.64	ng		
36) 4-Chloro-3-methylphenol	8.669	107	765125	46.99	ng		94
37) 2-Methylnaphthalene	8.822	142	1322462	43.86	ng		98
38) 1-Methylnaphthalene	8.922	142	1196419	41.94	ng		98
40) 1,2,4,5-Tetrachloroben...	8.992	216	565651	47.10	ng		99
41) Hexachlorocyclopentadiene	8.980	237	599813	96.11	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	406404	49.87	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	435644	48.90	ng	98
46) 1,1'-Biphenyl	9.286	154	1604345	47.11	ng	99
47) 2-Chloronaphthalene	9.310	162	1183300	46.17	ng	98
48) 2-Nitroaniline	9.404	65	554313	51.91	ng	94
49) Acenaphthylene	9.727	152	2049371	48.89	ng	98
50) Dimethylphthalate	9.592	163	1530583	50.91	ng	100
51) 2,6-Dinitrotoluene	9.651	165	331273	50.20	ng	85
52) Acenaphthene	9.898	154	1438235m	53.47	ng	
53) 3-Nitroaniline	9.816	138	189272	24.73	ng	95
54) 2,4-Dinitrophenol	9.927	184	348338	120.18	ng	94
55) Dibenzofuran	10.069	168	1760327	45.62	ng	99
56) 4-Nitrophenol	9.992	139	575213	98.07	ng	97
57) 2,4-Dinitrotoluene	10.057	165	439900	49.91	ng	96
58) Fluorene	10.416	166	1396408	46.04	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	351899	49.60	ng	99
60) Diethylphthalate	10.286	149	1562322	47.47	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	651665	46.55	ng	99
62) 4-Nitroaniline	10.439	138	391566	50.65	ng	98
63) Azobenzene	10.563	77	1697125	45.53	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	227669	51.08	ng	89
66) n-Nitrosodiphenylamine	10.527	169	1263982	46.22	ng	98
67) 4-Bromophenyl-phenylether	10.898	248	420669	47.10	ng	95
68) Hexachlorobenzene	10.963	284	476518	47.34	ng	97
69) Atrazine	11.057	200	409590	48.06	ng	97
70) Pentachlorophenol	11.157	266	484970	92.22	ng	99
71) Phenanthrene	11.374	178	2028722	45.50	ng	99
72) Anthracene	11.427	178	2061543	46.26	ng	99
73) Carbazole	11.580	167	2012798	45.25	ng	98
74) Di-n-butylphthalate	11.916	149	2451058	45.53	ng	99
75) Fluoranthene	12.563	202	2209042	45.08	ng	99
77) Benzidine	12.686	184	1023854	63.30	ng	98
78) Pyrene	12.792	202	2238917	51.56	ng	99
80) Butylbenzylphthalate	13.415	149	1030166	50.49	ng	94
81) Benzo(a)anthracene	13.986	228	1667903	45.74	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	268720	23.07	ng	97
83) Chrysene	14.021	228	1619926	44.24	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	1271176	46.85	ng	100
85) Di-n-octyl phthalate	14.586	149	2013732	46.12	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1605486	63.30	ng	99
88) Benzo(b)fluoranthene	15.027	252	1454809m	43.35	ng	
89) Benzo(k)fluoranthene	15.062	252	1302708	43.27	ng	99
90) Benzo(a)pyrene	15.392	252	1220418	45.71	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	1301478	60.67	ng	99
92) Benzo(g,h,i)perylene	17.356	276	1365860	60.54	ng	98

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

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