Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119548.D
Acq On : 26 Mar 2020 23:48
Operator : CG/JU
Sample : L2028-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)MS

Manual Integrations APPROVED
mohammad
3/30/2020 8:50:54 AM

Quant Time: Mar 27 02:50:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 16:30:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	283512	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1118181	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	596241	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1157130	20.00	ng		0.00
76) Chrysene-d12	14.02	240	835675	20.00	ng		0.00
87) Perylene-d12	15.48	264	735501	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1642500	92.23	ng		0.01
7) Phenol-d6	6.46	99	2132930	93.75	ng		0.00
23) Nitrobenzene-d5	7.40	82	1313880	63.86	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	646361	105.08	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2517847	62.56	ng		0.00
79) Terphenyl-d14	12.96	244	2922367	68.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	322288	36.640	ng		98
3) Pyridine	3.38	79	874328	36.081	ng		99
4) n-Nitrosodimethylamine	3.33	42	497737	42.120	ng		100
6) Aniline	6.50	93	1031572	32.854	ng		100
8) 2-Chlorophenol	6.62	128	971895	51.959	ng		98
9) Benzaldehyde	6.38	77	593817	41.145	ng		98
10) Phenol	6.48	94	1251940	51.573	ng		100
11) bis(2-Chloroethyl)ether	6.57	93	920075	47.390	ng		99
12) 1,3-Dichlorobenzene	6.77	146	957451	47.294	ng		97
13) 1,4-Dichlorobenzene	6.85	146	964917	47.651	ng		98
14) 1,2-Dichlorobenzene	7.01	146	907557	47.949	ng		99
15) Benzyl Alcohol	6.98	79	828408	48.407	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1723978	44.022	ng		98
17) 2-Methylphenol	7.09	107	775077	45.225	ng		99
18) Hexachloroethane	7.35	117	366617	49.403	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	669140	48.797	ng		97
20) 3+4-Methylphenols	7.25	107	946950	45.085	ng	#	79
22) Acetophenone	7.25	105	1252183	46.866	ng		99
24) Nitrobenzene	7.42	77	1012606	46.053	ng		95
25) Isophorone	7.66	82	1889981	45.284	ng		98
26) 2-Nitrophenol	7.73	139	523693	60.491	ng		97
27) 2,4-Dimethylphenol	7.77	122	853261	47.664	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	1187394	48.112	ng		98
29) 2,4-Dichlorophenol	7.97	162	804226	48.894	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	856020	47.059	ng		98
31) Naphthalene	8.15	128	2656935	46.173	ng		99
32) Benzoic acid	7.91	122	688514	59.792	ng		97
33) 4-Chloroaniline	8.19	127	333391	12.644	ng		98
34) Hexachlorobutadiene	8.26	225	485901	47.742	ng		99
35) Caprolactam	8.57	113	288689m	53.628	ng		
36) 4-Chloro-3-methylphenol	8.67	107	896784	49.884	ng		98
37) 2-Methylnaphthalene	8.84	142	1854390	49.104	ng		100
38) 1-Methylnaphthalene	8.94	142	1755504	49.112	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	789147	45.155	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	972138	97.845 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	618484	49.453 ng	100
44) 2,4,5-Trichlorophenol	9.16	196	631190	45.052 ng	98
46) 1,1'-Biphenyl	9.30	154	2195459	45.210 ng	99
47) 2-Chloronaphthalene	9.33	162	1719113	45.194 ng	98
48) 2-Nitroaniline	9.42	65	628640	47.880 ng	98
49) Acenaphthylene	9.75	152	2708345	45.340 ng	99
50) Dimethylphthalate	9.61	163	2303857	54.399 ng	99
51) 2,6-Dinitrotoluene	9.67	165	462413	50.939 ng	94
52) Acenaphthene	9.92	154	1671290	44.880 ng	99
53) 3-Nitroaniline	9.83	138	250189	21.831 ng	98
54) 2,4-Dinitrophenol	9.95	184	499313	122.834 ng	88
55) Dibenzofuran	10.09	168	2438741	45.677 ng	98
56) 4-Nitrophenol	10.00	139	850577	94.082 ng	91
57) 2,4-Dinitrotoluene	10.07	165	624947	54.650 ng	93
58) Fluorene	10.43	166	1892830	47.941 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	542717	51.824 ng	99
60) Diethylphthalate	10.31	149	2098650	48.824 ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	918523	47.574 ng	97
62) 4-Nitroaniline	10.46	138	498723	45.380 ng	99
63) Azobenzene	10.59	77	2013967	46.528 ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	324416	66.860 ng	92
66) n-Nitrosodiphenylamine	10.55	169	1759364	46.315 ng	98
67) 4-Bromophenyl-phenylether	10.92	248	610191	46.303 ng	99
68) Hexachlorobenzene	10.98	284	652207	48.356 ng	99
69) Atrazine	11.07	200	545347	52.366 ng	100
70) Pentachlorophenol	11.17	266	763561	96.549 ng	98
71) Phenanthrene	11.40	178	2726667	45.444 ng	100
72) Anthracene	11.45	178	2817719	46.207 ng	99
73) Carbazole	11.60	167	2628648	43.550 ng	99
74) Di-n-butylphthalate	11.94	149	3250231	50.338 ng	99
75) Fluoranthene	12.59	202	3024142	46.572 ng	99
77) Benzidine	12.71	184	1558003	44.054 ng	97
78) Pyrene	12.82	202	3029708	44.176 ng	99
80) Butylbenzylphthalate	13.44	149	1416549	51.067 ng	99
81) Benzo(a)anthracene	14.01	228	2363806	43.498 ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	564168	26.330 ng	97
83) Chrysene	14.04	228	2488007	44.362 ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1816116	54.922 ng	100
85) Di-n-octyl phthalate	14.62	149	3194807	54.936 ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	2214043	41.917 ng	97
88) Benzo(b)fluoranthene	15.06	252	2425308	49.364 ng	99
89) Benzo(k)fluoranthene	15.09	252	2220991	47.474 ng	100
90) Benzo(a)pyrene	15.42	252	2064730	46.243 ng	98
91) Dibenzo(a,h)anthracene	16.97	278	1799044	46.066 ng	97
92) Benzo(g,h,i)perylene	17.40	276	1816735	46.304 ng	97

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

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