Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
Data File : BF121162.D
Acq On : 31 Jul 2020 17:09
Operator : JU/CG
Sample : L3518-27MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9MSD

Manual Integrations APPROVED
mohammad
8/3/2020 12:23:12 PM

Quant Time: Jul 31 18:10:13 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	135325	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	516634	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	266891	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	496593	20.00	ng		0.00
76) Chrysene-d12	13.97	240	343787	20.00	ng		0.00
86) Perylene-d12	15.42	264	310728	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	552835	66.97	ng		0.00
7) Phenol-d6	6.44	99	683420	64.09	ng		0.00
23) Nitrobenzene-d5	7.36	82	454354	50.89	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	193800	66.34	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	876852	49.05	ng		0.00
79) Terphenyl-d14	12.91	244	884288	55.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	161569	42.528	ng		99
3) Pyridine	3.29	79	358930	35.515	ng		98
4) n-Nitrosodimethylamine	3.25	42	181661	42.036	ng		98
6) Aniline	6.46	93	475148	34.137	ng	#	85
8) 2-Chlorophenol	6.59	128	411561	45.258	ng		96
9) Benzaldehyde	6.35	77	269626	59.198	ng		98
10) Phenol	6.45	94	479886	40.912	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	383849	42.700	ng		99
12) 1,3-Dichlorobenzene	6.74	146	419347	42.527	ng		98
13) 1,4-Dichlorobenzene	6.82	146	420951	42.931	ng		98
14) 1,2-Dichlorobenzene	6.97	146	405510	43.716	ng		98
15) Benzyl Alcohol	6.95	79	326906	43.352	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	511521	39.478	ng		98
17) 2-Methylphenol	7.06	107	323119	40.089	ng		100
18) Hexachloroethane	7.31	117	154844	43.632	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	239642	39.523	ng		96
20) 3+4-Methylphenols	7.21	107	362274	35.333	ng		90
22) Acetophenone	7.20	105	494531	42.651	ng		95
24) Nitrobenzene	7.38	77	405899	42.179	ng		100
25) Isophorone	7.62	82	738131	41.423	ng		98
26) 2-Nitrophenol	7.70	139	220858	48.324	ng		98
27) 2,4-Dimethylphenol	7.74	122	350668	47.257	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	473905	43.568	ng		100
29) 2,4-Dichlorophenol	7.95	162	326162	43.014	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	356775	42.409	ng		98
31) Naphthalene	8.10	128	1112674	41.986	ng		99
32) Benzoic acid	7.87	122	161018	28.906	ng		99
33) 4-Chloroaniline	8.15	127	350503	29.649	ng		99
34) Hexachlorobutadiene	8.22	225	204549	41.245	ng		99
35) Caprolactam	8.53	113	104530m	42.987	ng		
36) 4-Chloro-3-methylphenol	8.65	107	338297	43.501	ng		97
37) 2-Methylnaphthalene	8.79	142	755994	43.935	ng		100
38) 1-Methylnaphthalene	8.89	142	706262	43.337	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	342808	44.085	ng		100

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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)
41) Hexachlorocyclopentadiene	8.95	237	305369	71.055 ng	99
43) 2,4,6-Trichlorophenol	9.08	196	237800	43.433 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	248403	39.997 ng	100
46) 1,1'-Biphenyl	9.26	154	893952	43.911 ng	99
47) 2-Chloronaphthalene	9.29	162	693554	41.785 ng	100
48) 2-Nitroaniline	9.39	65	216296	43.120 ng	93
49) Acenaphthylene	9.70	152	1113114	43.168 ng	99
50) Dimethylphthalate	9.56	163	897715	46.624 ng	99
51) 2,6-Dinitrotoluene	9.63	165	184012	44.483 ng	97
52) Acenaphthene	9.87	154	712053m	43.434 ng	
53) 3-Nitroaniline	9.79	138	148778	28.677 ng	98
54) 2,4-Dinitrophenol	9.91	184	132584	57.760 ng	98
55) Dibenzofuran	10.05	168	968544	40.854 ng	99
56) 4-Nitrophenol	9.97	139	276784	70.231 ng	97
57) 2,4-Dinitrotoluene	10.03	165	236282	43.496 ng	90
58) Fluorene	10.39	166	717919	40.603 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	203850	43.110 ng	99
60) Diethylphthalate	10.26	149	804121	41.289 ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	347878	36.887 ng	97
62) 4-Nitroaniline	10.41	138	196500	38.882 ng	96
63) Azobenzene	10.54	77	750296	40.467 ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	104981	37.445 ng	92
66) n-Nitrosodiphenylamine	10.50	169	685960	43.910 ng	100
67) 4-Bromophenyl-phenylether	10.87	248	234139	42.289 ng	98
68) Hexachlorobenzene	10.94	284	264747	44.204 ng	97
69) Atrazine	11.03	200	194821	50.356 ng	99
70) Pentachlorophenol	11.14	266	254722	74.239 ng	98
71) Phenanthrene	11.35	178	1073774	42.043 ng	100
72) Anthracene	11.40	178	1122725	43.778 ng	99
73) Carbazole	11.56	167	1041404	40.918 ng	100
74) Di-n-butylphthalate	11.89	149	1228529	41.829 ng	99
75) Fluoranthene	12.54	202	1162027	41.048 ng	97
77) Benzidine	12.66	184	607101	67.166 ng	99
78) Pyrene	12.77	202	1181363	48.604 ng	100
80) Butylbenzylphthalate	13.39	149	520075	47.999 ng	97
81) Benzo(a)anthracene	13.96	228	918389	44.115 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	297770	37.913 ng	99
83) Chrysene	14.00	228	919267	42.019 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	667288	49.943 ng	99
85) Di-n-octyl phthalate	14.56	149	1115931	41.981 ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	994961	46.042 ng	99
88) Benzo(b)fluoranthene	15.00	252	886275	47.186 ng	99
89) Benzo(k)fluoranthene	15.03	252	752234	43.915 ng	99
90) Benzo(a)pyrene	15.36	252	754653	44.038 ng	99
91) Dibenzo(a,h)anthracene	16.87	278	811196	45.955 ng	99
92) Benzo(g,h,i)perylene	17.29	276	872510	50.130 ng	99

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

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