Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111789.D
Acq On : 28 Dec 2018 15:30
Operator : JU/SJ
Sample : J6579-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMSD

Manual Integrations APPROVED
Sohil
1/2/2019 2:51:31 PM

Quant Time: Dec 29 01:27:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	160171	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	610060	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	317683	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	593697	20.00	ng		0.02
76) Chrysene-d12	14.07	240	372745	20.00	ng		0.02
87) Perylene-d12	15.56	264	349872	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1231169	131.02	ng		0.04
7) Phenol-d6	6.56	99	1610767	134.69	ng		0.04
23) Nitrobenzene-d5	7.47	82	1054436	100.61	ng		0.01
42) 2,4,6-Tribromophenol	10.74	330	543347	144.75	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	1933808	88.73	ng		0.00
79) Terphenyl-d14	13.02	244	1921234	97.75	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	148027	33.482	ng		94
3) Pyridine	3.54	79	385683	33.485	ng		98
4) n-Nitrosodimethylamine	3.47	42	257402	45.663	ng		82
6) Aniline	6.57	93	376098	24.672	ng	#	1
8) 2-Chlorophenol	6.70	128	474937	45.627	ng		98
9) Benzaldehyde	6.45	77	261403	31.782	ng		97
10) Phenol	6.57	94	619959	45.946	ng		81
11) bis(2-Chloroethyl)ether	6.64	93	440943	43.610	ng		97
12) 1,3-Dichlorobenzene	6.85	146	518080	42.947	ng		100
13) 1,4-Dichlorobenzene	6.92	146	526444	43.031	ng		100
14) 1,2-Dichlorobenzene	7.08	146	501366	43.925	ng		97
15) Benzyl Alcohol	7.05	79	441393	46.474	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	734230	39.428	ng		57
17) 2-Methylphenol	7.17	107	385556	46.258	ng	#	87
18) Hexachloroethane	7.42	117	190129	46.118	ng	#	90
19) n-Nitroso-di-n-propylamine	7.32	70	351258	44.228	ng		99
20) 3+4-Methylphenols	7.32	107	497822	47.269	ng	#	69
22) Acetophenone	7.31	105	661142	42.778	ng	#	92
24) Nitrobenzene	7.49	77	521820	47.504	ng		99
25) Isophorone	7.72	82	937580	50.391	ng		98
26) 2-Nitrophenol	7.80	139	265536	59.603	ng		95
27) 2,4-Dimethylphenol	7.85	122	439128	50.002	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	575786	46.504	ng		98
29) 2,4-Dichlorophenol	8.05	162	442853	46.882	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	467893	44.450	ng		98
31) Naphthalene	8.21	128	1402399	47.843	ng		97
32) Benzoic acid	7.95	122	168315m	28.987	ng		
33) 4-Chloroaniline	8.25	127	154420	12.188	ng		98
34) Hexachlorobutadiene	8.33	225	278888	43.472	ng		98
35) Caprolactam	8.62	113	148759m	46.475	ng		
36) 4-Chloro-3-methylphenol	8.75	107	447669	48.212	ng		99
37) 2-Methylnaphthalene	8.90	142	961168	50.400	ng		97
38) 1-Methylnaphthalene	9.00	142	919757	50.216	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	460305	44.095	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	555090	109.578 ng		99
43) 2,4,6-Trichlorophenol	9.19	196	325656	46.725 ng		99
44) 2,4,5-Trichlorophenol	9.23	196	343597	48.055 ng		94
46) 1,1'-Biphenyl	9.36	154	1197983	44.672 ng		95
47) 2-Chloronaphthalene	9.39	162	941057	44.291 ng		95
48) 2-Nitroaniline	9.48	65	298185	53.946 ng		99
49) Acenaphthylene	9.81	152	1491758	48.087 ng		96
50) Dimethylphthalate	9.66	163	1612266	69.401 ng		99
51) 2,6-Dinitrotoluene	9.72	165	256217	55.311 ng	#	86
52) Acenaphthene	9.98	154	995665	52.039 ng		98
53) 3-Nitroaniline	9.89	138	147633	29.883 ng		97
54) 2,4-Dinitrophenol	10.00	184	227041	146.082 ng	#	82
55) Dibenzofuran	10.15	168	1324795	45.831 ng		96
56) 4-Nitrophenol	10.07	139	376341	99.819 ng		91
57) 2,4-Dinitrotoluene	10.13	165	341584	61.354 ng	#	97
58) Fluorene	10.49	166	1029884	49.444 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	297755	49.483 ng		91
60) Diethylphthalate	10.36	149	1095308	48.064 ng		100
61) 4-Chlorophenyl-phenylether	10.48	204	522309	45.387 ng		96
62) 4-Nitroaniline	10.51	138	241634	50.323 ng		85
63) Azobenzene	10.65	77	1017846	44.490 ng		94
65) 4,6-Dinitro-2-methylphenol	10.54	198	154390	60.841 ng		85
66) n-Nitrosodiphenylamine	10.60	169	913483	45.836 ng		99
67) 4-Bromophenyl-phenylether	10.97	248	334713	45.454 ng	#	90
68) Hexachlorobenzene	11.05	284	364989	44.454 ng		98
69) Atrazine	11.13	200	315057	45.505 ng		96
70) Pentachlorophenol	11.25	266	363419	71.598 ng		98
71) Phenanthrene	11.46	178	1540726	48.934 ng		95
72) Anthracene	11.51	178	1517170	48.006 ng		96
73) Carbazole	11.66	167	1293564	42.159 ng		96
74) Di-n-butylphthalate	11.99	149	1603034	46.597 ng		97
75) Fluoranthene	12.65	202	1461603	45.841 ng		96
77) Benzidine	12.76	184	241303	17.204 ng		96
78) Pyrene	12.87	202	1414741	53.747 ng		96
80) Butylbenzylphthalate	13.48	149	560999	52.285 ng		93
81) Benzo(a)anthracene	14.06	228	1080715	50.804 ng		98
82) 3,3'-Dichlorobenzidine	14.02	252	193165	22.982 ng	#	98
83) Chrysene	14.10	228	1009130	48.266 ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	750454	55.527 ng	#	98
85) Di-n-octyl phthalate	14.66	149	1153148	55.070 ng		95
86) Indeno(1,2,3-cd)pyrene	17.07	276	1068791	60.134 ng	#	87
88) Benzo(b)fluoranthene	15.12	252	1004617	49.130 ng	#	96
89) Benzo(k)fluoranthene	15.16	252	881267	45.270 ng	#	96
90) Benzo(a)pyrene	15.50	252	927806	49.944 ng	#	94
91) Dibenzo(a,h)anthracene	17.09	278	871587	53.578 ng	#	92
92) Benzo(g,h,i)perylene	17.53	276	871833	54.885 ng	#	88

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

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