Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115466.D
Acq On : 10 Jul 2019 20:23
Operator : HP/JU
Sample : K3627-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-070819MSD

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:17 PM

Quant Time: Jul 11 07:53:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 10 16:47:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	133622	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	512511	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	258197	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	515825	20.00	ng	0.00
76) Chrysene-d12	14.06	240	361496	20.00	ng	-0.01
87) Perylene-d12	15.53	264	355574	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	906405	104.80	ng	0.01
7) Phenol-d6	6.52	99	1085479	98.69	ng	0.00
23) Nitrobenzene-d5	7.46	82	830645	95.76	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	388148	135.96	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1501307	102.03	ng	0.00
79) Terphenyl-d14	13.00	244	1759461	99.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.82	88	142557	33.605	ng	# 87
3) Pyridine	3.53	79	311742	26.576	ng	99
4) n-Nitrosodimethylamine	3.47	42	152806	32.125	ng	100
6) Aniline	6.56	93	134048	8.636	ng	98
8) 2-Chlorophenol	6.68	128	384955	39.420	ng	99
9) Benzaldehyde	6.44	77	198017	29.534	ng	97
10) Phenol	6.53	94	397933	30.238	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	380593	38.984	ng	97
12) 1,3-Dichlorobenzene	6.84	146	424522	39.679	ng	99
13) 1,4-Dichlorobenzene	6.92	146	431414	40.256	ng	99
14) 1,2-Dichlorobenzene	7.07	146	402314	40.547	ng	98
15) Benzyl Alcohol	7.03	79	346405	39.247	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	501983	36.773	ng	99
17) 2-Methylphenol	7.15	107	317106	37.903	ng	99
18) Hexachloroethane	7.41	117	155939	39.060	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	275629	37.040	ng	95
20) 3+4-Methylphenols	7.29	107	384236	38.881	ng	96
22) Acetophenone	7.30	105	542826	44.201	ng	# 99
24) Nitrobenzene	7.47	77	431888	44.086	ng	100
25) Isophorone	7.72	82	779492	41.458	ng	99
26) 2-Nitrophenol	7.79	139	210979	52.384	ng	97
27) 2,4-Dimethylphenol	7.83	122	340836	44.380	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	473575	40.846	ng	100
29) 2,4-Dichlorophenol	8.03	162	342051	44.717	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	373427	43.852	ng	98
31) Naphthalene	8.20	128	1155518	45.392	ng	100
32) Benzoic acid	7.92	122	164424	31.731	ng	97
33) 4-Chloroaniline	8.24	127	51986	4.577	ng	97
34) Hexachlorobutadiene	8.32	225	209879	43.460	ng	98
35) Caprolactam	8.60	113	79778m	32.022	ng	
36) 4-Chloro-3-methylphenol	8.72	107	359491	44.431	ng	97
37) 2-Methylnaphthalene	8.89	142	769640	45.232	ng	98
38) 1-Methylnaphthalene	8.99	142	728576	44.878	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	340580	45.851	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	388570	90.256	ng		100
43) 2,4,6-Trichlorophenol	9.17	196	246243	45.535	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	265579	47.362	ng		96
46) 1,1'-Biphenyl	9.36	154	942498	46.433	ng		98
47) 2-Chloronaphthalene	9.38	162	751900	44.820	ng		99
48) 2-Nitroaniline	9.47	65	226040	45.861	ng		96
49) Acenaphthylene	9.80	152	1153136	45.400	ng		98
50) Dimethylphthalate	9.65	163	864937	44.632	ng		100
51) 2,6-Dinitrotoluene	9.71	165	200641	47.738	ng		99
52) Acenaphthene	9.97	154	761578	47.642	ng		100
53) 3-Nitroaniline	9.87	138	67464	13.820	ng		98
54) 2,4-Dinitrophenol	9.98	184	148245	81.545	ng		93
55) Dibenzofuran	10.14	168	1046490	46.474	ng		99
56) 4-Nitrophenol	10.04	139	317140	83.971	ng		92
57) 2,4-Dinitrotoluene	10.12	165	276537	51.772	ng		92
58) Fluorene	10.48	166	770816	43.424	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	224484	46.342	ng		99
60) Diethylphthalate	10.36	149	839251	43.997	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	389618	44.971	ng		96
62) 4-Nitroaniline	10.49	138	209692	43.762	ng		99
63) Azobenzene	10.63	77	831281	42.277	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	118921	48.126	ng		97
66) n-Nitrosodiphenylamine	10.59	169	723276	44.502	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	249621	43.128	ng		96
68) Hexachlorobenzene	11.03	284	279898	43.096	ng		96
69) Atrazine	11.12	200	236139	46.947	ng		99
70) Pentachlorophenol	11.22	266	304342	76.890	ng		99
71) Phenanthrene	11.44	178	1208881	44.561	ng		100
72) Anthracene	11.50	178	1257766	46.235	ng		99
73) Carbazole	11.64	167	1129495	45.385	ng		100
74) Di-n-butylphthalate	11.98	149	1322422	43.967	ng		99
75) Fluoranthene	12.63	202	1304498	45.669	ng		97
77) Benzidine	12.74	184	186344	13.219	ng	#	95
78) Pyrene	12.86	202	1324250	47.107	ng		99
80) Butylbenzylphthalate	13.47	149	567582	46.210	ng		99
81) Benzo(a)anthracene	14.04	228	1043991	45.073	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	117456	13.975	ng		96
83) Chrysene	14.09	228	1078298	45.309	ng		100
84) Bis(2-ethylhexyl)phthalate	14.04	149	703287	46.236	ng		100
85) Di-n-octyl phthalate	14.65	149	1202065	44.392	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1159119	61.648	ng		99
88) Benzo(b)fluoranthene	15.10	252	1007125	43.502	ng		99
89) Benzo(k)fluoranthene	15.13	252	933950	45.361	ng		99
90) Benzo(a)pyrene	15.47	252	920821	46.115	ng		98
91) Dibenzo(a,h)anthracene	17.04	278	949559	55.650	ng		99
92) Benzo(g,h,i)perylene	17.47	276	990167	61.309	ng		98

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

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