Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071019\
Data File : BF115465.D
Acq On : 10 Jul 2019 19:56
Operator : HP/JU
Sample : K3627-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-070819MS

Manual Integrations APPROVED
mohammad
7/11/2019 5:22:12 PM

Quant Time: Jul 11 03:57:14 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	127835	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	507126	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	253449	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	501671	20.00	ng	0.00
76) Chrysene-d12	14.06	240	359941	20.00	ng	-0.01
87) Perylene-d12	15.53	264	370124	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	900093	108.79	ng	0.00
7) Phenol-d6	6.52	99	1068861	101.58	ng	0.00
23) Nitrobenzene-d5	7.46	82	813594	94.79	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	386142	137.79	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1458190	100.96	ng	0.00
79) Terphenyl-d14	13.00	244	1766543	100.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.81	88	134077	33.037	ng	# 86
3) Pyridine	3.53	79	235181	20.957	ng	99
4) n-Nitrosodimethylamine	3.46	42	141815	31.164	ng	99
6) Aniline	6.56	93	109007	7.341	ng	98
8) 2-Chlorophenol	6.68	128	368543	39.448	ng	99
9) Benzaldehyde	6.44	77	195781	30.784	ng	96
10) Phenol	6.53	94	379190	30.118	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	361134	38.665	ng	97
12) 1,3-Dichlorobenzene	6.84	146	406471	39.712	ng	99
13) 1,4-Dichlorobenzene	6.91	146	416043	40.579	ng	98
14) 1,2-Dichlorobenzene	7.07	146	385723	40.635	ng	98
15) Benzyl Alcohol	7.03	79	325982	38.605	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	472174	36.155	ng	99
17) 2-Methylphenol	7.15	107	302201	37.757	ng	98
18) Hexachloroethane	7.41	117	149171	39.056	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	264938	37.215	ng	95
20) 3+4-Methylphenols	7.29	107	368516	38.978	ng	96
22) Acetophenone	7.30	105	524241	43.141	ng	99
24) Nitrobenzene	7.47	77	413621	42.670	ng	98
25) Isophorone	7.71	82	740268	39.790	ng	97
26) 2-Nitrophenol	7.79	139	202504	50.814	ng	97
27) 2,4-Dimethylphenol	7.83	122	331295	43.596	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	456476	39.790	ng	99
29) 2,4-Dichlorophenol	8.03	162	329271	43.503	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	359951	42.718	ng	99
31) Naphthalene	8.20	128	1099220	43.639	ng	99
32) Benzoic acid	7.91	122	123939	25.612	ng	98
33) 4-Chloroaniline	8.24	127	45056	4.009	ng	99
34) Hexachlorobutadiene	8.32	225	198110	41.458	ng	100
35) Caprolactam	8.60	113	72181m	29.281	ng	
36) 4-Chloro-3-methylphenol	8.72	107	343428	42.897	ng	98
37) 2-Methylnaphthalene	8.89	142	738087	43.839	ng	99
38) 1-Methylnaphthalene	8.99	142	689898	42.946	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	326830	44.824	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	379496	89.800	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	235025	44.275	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	252786	45.925	ng		96
46) 1,1'-Biphenyl	9.36	154	901145	45.227	ng		98
47) 2-Chloronaphthalene	9.38	162	713030	43.299	ng		99
48) 2-Nitroaniline	9.47	65	217691	44.994	ng		97
49) Acenaphthylene	9.80	152	1117222	44.810	ng		98
50) Dimethylphthalate	9.65	163	828938	43.575	ng		100
51) 2,6-Dinitrotoluene	9.71	165	191858	46.503	ng		97
52) Acenaphthene	9.97	154	733462	46.743	ng		98
53) 3-Nitroaniline	9.87	138	68426	14.280	ng		99
54) 2,4-Dinitrophenol	9.98	184	138569	78.112	ng		95
55) Dibenzofuran	10.14	168	1001769	45.321	ng		100
56) 4-Nitrophenol	10.03	139	305521	82.410	ng		99
57) 2,4-Dinitrotoluene	10.12	165	261271	49.830	ng	#	88
58) Fluorene	10.48	166	740274	42.485	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	212387	44.666	ng		99
60) Diethylphthalate	10.35	149	804126	42.945	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	372089	43.752	ng		95
62) 4-Nitroaniline	10.49	138	200674	42.665	ng		99
63) Azobenzene	10.63	77	801453	41.523	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	111456	46.661	ng		95
66) n-Nitrosodiphenylamine	10.59	169	696303	44.051	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	240145	42.661	ng		97
68) Hexachlorobenzene	11.03	284	267462	42.343	ng		97
69) Atrazine	11.12	200	226251	46.251	ng		99
70) Pentachlorophenol	11.22	266	293041	76.124	ng		99
71) Phenanthrene	11.45	178	1173575	44.480	ng		99
72) Anthracene	11.50	178	1210474	45.752	ng		99
73) Carbazole	11.65	167	1091846	45.110	ng		100
74) Di-n-butylphthalate	11.98	149	1267015	43.313	ng		100
75) Fluoranthene	12.63	202	1261781	45.420	ng		97
77) Benzidine	12.75	184	128091	9.126	ng	#	86
78) Pyrene	12.86	202	1263427	45.137	ng		99
80) Butylbenzylphthalate	13.47	149	544997	44.563	ng		100
81) Benzo(a)anthracene	14.04	228	1020763	44.260	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	114848	13.724	ng		94
83) Chrysene	14.09	228	1044155	44.064	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	674380	44.527	ng		100
85) Di-n-octyl phthalate	14.65	149	1161342	43.073	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1183822	63.408	ng		100
88) Benzo(b)fluoranthene	15.10	252	1000311	41.509	ng		99
89) Benzo(k)fluoranthene	15.13	252	941863	43.947	ng		99
90) Benzo(a)pyrene	15.47	252	937529	45.106	ng		99
91) Dibenzo(a,h)anthracene	17.04	278	977750	55.049	ng		99
92) Benzo(g,h,i)perylene	17.47	276	1015940	60.432	ng		99

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

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