Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115763.D
Acq On : 25 Jul 2019 17:47
Operator : HP/JU
Sample : K3990-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-BMS

Manual Integrations APPROVED
mohammad
7/26/2019 3:23:11 PM

Quant Time: Jul 26 06:53:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	138213	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	541208	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	304358	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	557983	20.00	ng	0.00
76) Chrysene-d12	14.03	240	419084	20.00	ng	0.00
87) Perylene-d12	15.50	264	429280	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	797226	94.35	ng	0.00
7) Phenol-d6	6.50	99	1046820	97.64	ng	0.00
23) Nitrobenzene-d5	7.43	82	653738	70.24	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	314010	88.39	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1206404	69.38	ng	0.00
79) Terphenyl-d14	12.97	244	1475754	64.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.67	88	117842	27.959	ng	100
3) Pyridine	3.46	79	78679	6.880	ng	97
4) n-Nitrosodimethylamine	3.36	42	137093	33.046	ng	100
6) Aniline	6.53	93	343223	23.003	ng	98
8) 2-Chlorophenol	6.66	128	321992	33.144	ng	95
9) Benzaldehyde	6.42	77	209671	31.294	ng	99
10) Phenol	6.52	94	420924	33.819	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	305513	32.240	ng	97
12) 1,3-Dichlorobenzene	6.82	146	343465	31.445	ng	98
13) 1,4-Dichlorobenzene	6.89	146	349960	32.112	ng	98
14) 1,2-Dichlorobenzene	7.05	146	328288	32.953	ng	98
15) Benzyl Alcohol	7.01	79	276125	32.465	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	414128	33.195	ng	99
17) 2-Methylphenol	7.12	107	272886	32.595	ng	99
18) Hexachloroethane	7.39	117	125529	31.033	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	225283	32.217	ng	99
20) 3+4-Methylphenols	7.27	107	327506	32.933	ng	96
22) Acetophenone	7.27	105	437664	35.796	ng	99
24) Nitrobenzene	7.45	77	355049	35.367	ng	100
25) Isophorone	7.69	82	646010	34.686	ng	99
26) 2-Nitrophenol	7.77	139	175548	33.973	ng	94
27) 2,4-Dimethylphenol	7.80	122	286578	37.066	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	391883	34.298	ng	99
29) 2,4-Dichlorophenol	8.01	162	286496	35.630	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	299878	32.993	ng	99
31) Naphthalene	8.17	128	933806	35.627	ng	99
32) Benzoic acid	7.88	122	41805m	6.589	ng	
33) 4-Chloroaniline	8.22	127	282352	24.320	ng	98
34) Hexachlorobutadiene	8.29	225	171506	32.905	ng	98
35) Caprolactam	8.57	113	86754m	34.915	ng	
36) 4-Chloro-3-methylphenol	8.70	107	304510	36.509	ng	98
37) 2-Methylnaphthalene	8.86	142	647159	37.248	ng	99
38) 1-Methylnaphthalene	8.96	142	598906	36.291	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	290284	31.672	ng	99

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Quant Time: Jul 26 06:53:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	210240	40.212	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	197418	29.454	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	219314	31.951	ng	97
46) 1,1'-Biphenyl	9.33	154	792734	33.316	ng	100
47) 2-Chloronaphthalene	9.35	162	623422	31.466	ng	98
48) 2-Nitroaniline	9.45	65	199627	32.554	ng	95
49) Acenaphthylene	9.77	152	961981	32.768	ng	100
50) Dimethylphthalate	9.63	163	984951	43.013	ng	100
51) 2,6-Dinitrotoluene	9.69	165	167362	32.161	ng	98
52) Acenaphthene	9.94	154	591947	31.232	ng	97
53) 3-Nitroaniline	9.86	138	159053	26.746	ng	99
54) 2,4-Dinitrophenol	9.97	184	79220	29.650	ng	95
55) Dibenzofuran	10.12	168	878944	32.655	ng	98
56) 4-Nitrophenol	10.02	139	291778	64.342	ng	100
57) 2,4-Dinitrotoluene	10.09	165	225888	33.505	ng	95
58) Fluorene	10.46	166	674056	35.030	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	182487	31.803	ng	98
60) Diethylphthalate	10.33	149	739701	34.476	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	343128	32.156	ng	99
62) 4-Nitroaniline	10.47	138	192240	33.701	ng	98
63) Azobenzene	10.60	77	753197	36.192	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	87591	25.693	ng	96
66) n-Nitrosodiphenylamine	10.56	169	620884	35.772	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	211484	33.167	ng	92
68) Hexachlorobenzene	11.01	284	239035	32.826	ng	96
69) Atrazine	11.09	200	208396	36.599	ng	100
70) Pentachlorophenol	11.20	266	238798	53.617	ng	99
71) Phenanthrene	11.42	178	1031510	36.065	ng	99
72) Anthracene	11.47	178	1088649	36.830	ng	99
73) Carbazole	11.62	167	973325	37.550	ng	100
74) Di-n-butylphthalate	11.95	149	1240575	38.855	ng	99
75) Fluoranthene	12.60	202	1093523	36.180	ng	98
77) Benzidine	12.72	184	132419	8.919	ng	98
78) Pyrene	12.83	202	1114580	31.391	ng	99
80) Butylbenzylphthalate	13.44	149	540444	35.705	ng	98
81) Benzo(a)anthracene	14.02	228	930169	33.690	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	331331	33.758	ng	99
83) Chrysene	14.06	228	916028	33.051	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	794611	42.382	ng	99
85) Di-n-octyl phthalate	14.62	149	1297945	43.510	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	959164	40.734	ng	100
88) Benzo(b)fluoranthene	15.07	252	868725	31.428	ng	99
89) Benzo(k)fluoranthene	15.10	252	820133	33.279	ng	99
90) Benzo(a)pyrene	15.44	252	814026	34.263	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	818351	39.236	ng	99
92) Benzo(g,h,i)perylene	17.42	276	759932	36.533	ng	97

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

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