Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115839.D
Acq On : 30 Jul 2019 13:21
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:48 PM

Quant Time: Jul 30 16:30:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:48:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137792	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	559706	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	296299	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	526289	20.00	ng		0.00
76) Chrysene-d12	14.02	240	406929	20.00	ng		0.00
87) Perylene-d12	15.49	264	394151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	358224	41.62	ng		0.00
7) Phenol-d6	6.48	99	448175	40.54	ng		0.00
23) Nitrobenzene-d5	7.41	82	414254	40.98	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	125233	39.17	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	772570	45.71	ng		0.00
79) Terphenyl-d14	12.96	244	873413	43.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	85190	19.245	ng		99
3) Pyridine	3.36	79	233635	19.882	ng		98
4) n-Nitrosodimethylamine	3.29	42	90905	17.797	ng		98
6) Aniline	6.51	93	315652	20.687	ng		97
8) 2-Chlorophenol	6.64	128	193920	20.016	ng		98
9) Benzaldehyde	6.40	77	158665	25.760	ng		99
10) Phenol	6.49	94	262687	20.474	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	187629	19.488	ng		98
12) 1,3-Dichlorobenzene	6.79	146	227962	21.022	ng		97
13) 1,4-Dichlorobenzene	6.87	146	226211	21.075	ng		99
14) 1,2-Dichlorobenzene	7.02	146	216907	22.265	ng		99
15) Benzyl Alcohol	6.99	79	171944	20.972	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	264192	20.878	ng		98
17) 2-Methylphenol	7.10	107	162433	19.527	ng		99
18) Hexachloroethane	7.37	117	82018	20.465	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	138254	19.803	ng		96
20) 3+4-Methylphenols	7.26	107	205345	21.788	ng	#	68
22) Acetophenone	7.26	105	273220	21.548	ng	#	98
24) Nitrobenzene	7.43	77	221260	20.204	ng		99
25) Isophorone	7.67	82	381982	19.109	ng		100
26) 2-Nitrophenol	7.75	139	100305	18.502	ng		95
27) 2,4-Dimethylphenol	7.79	122	154329	19.698	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	243049	20.376	ng		99
29) 2,4-Dichlorophenol	7.99	162	167832	20.498	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	190472	20.771	ng		99
31) Naphthalene	8.16	128	586621	21.685	ng		99
32) Benzoic acid	7.89	122	103393m	16.872	ng		
33) 4-Chloroaniline	8.20	127	254233	20.403	ng		97
34) Hexachlorobutadiene	8.27	225	111975	21.376	ng		99
35) Caprolactam	8.56	113	51506	18.740	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	171405	19.607	ng		96
37) 2-Methylnaphthalene	8.85	142	385154	21.685	ng		99
38) 1-Methylnaphthalene	8.95	142	364559	21.465	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	174553	20.418	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	52237	15.334 ng	99
43) 2,4,6-Trichlorophenol	9.13	196	114897	19.554 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	116961	19.095 ng	95
46) 1,1'-Biphenyl	9.32	154	473088	21.169 ng	97
47) 2-Chloronaphthalene	9.34	162	380003	20.365 ng	99
48) 2-Nitroaniline	9.43	65	121548	19.011 ng	95
49) Acenaphthylene	9.76	152	571354	20.589 ng	98
50) Dimethylphthalate	9.61	163	433966	19.528 ng	99
51) 2,6-Dinitrotoluene	9.67	165	91613	18.620 ng	99
52) Acenaphthene	9.93	154	349857	20.694 ng	99
53) 3-Nitroaniline	9.84	138	112955	18.712 ng	89
54) 2,4-Dinitrophenol	9.96	184	29819	12.882 ng	95
55) Dibenzofuran	10.10	168	513855	21.225 ng	98
56) 4-Nitrophenol	10.00	139	67070	16.234 ng	97
57) 2,4-Dinitrotoluene	10.08	165	123666	19.556 ng	97
58) Fluorene	10.44	166	400041	21.378 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	98957	19.467 ng	97
60) Diethylphthalate	10.31	149	421547	20.986 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	201053	21.684 ng	98
62) 4-Nitroaniline	10.45	138	116556	18.750 ng	99
63) Azobenzene	10.59	77	431505	20.254 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	51464	16.836 ng	98
66) n-Nitrosodiphenylamine	10.55	169	345750	21.439 ng	100
67) 4-Bromophenyl-phenylether	10.92	248	121067	21.152 ng	97
68) Hexachlorobenzene	11.00	284	141797	21.686 ng	94
69) Atrazine	11.07	200	113477	30.574 ng	100
70) Pentachlorophenol	11.19	266	58495	17.567 ng	98
71) Phenanthrene	11.40	178	609557	22.607 ng	99
72) Anthracene	11.46	178	616917	22.817 ng	99
73) Carbazole	11.61	167	547653	21.732 ng	98
74) Di-n-butylphthalate	11.94	149	655605	23.411 ng	99
75) Fluoranthene	12.59	202	636222	22.508 ng	99
77) Benzidine	12.71	184	306875	25.253 ng	98
78) Pyrene	12.82	202	652186	19.972 ng	100
80) Butylbenzylphthalate	13.43	149	268278	19.816 ng	93
81) Benzo(a)anthracene	14.01	228	553033	20.205 ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	195864	21.758 ng	100
83) Chrysene	14.04	228	549943	20.656 ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	362693	21.303 ng	99
85) Di-n-octyl phthalate	14.61	149	575223	21.248 ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	419708	16.346 ng	99
88) Benzo(b)fluoranthene	15.06	252	470642	19.294 ng	98
89) Benzo(k)fluoranthene	15.09	252	483400	22.445 ng	97
90) Benzo(a)pyrene	15.43	252	420313	19.636 ng	99
91) Dibenzo(a,h)anthracene	16.97	278	347382	18.052 ng	99
92) Benzo(g,h,i)perylene	17.40	276	325939	16.532 ng	97

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

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