Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115543.D
Acq On : 12 Jul 2019 22:54
Operator : HP/JU
Sample : K3621-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-AMSD

Manual Integrations APPROVED
mohammad
7/15/2019 2:57:37 PM

Quant Time: Jul 13 03:37:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	165165	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	629961	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	295017	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	519579	20.00	ng	0.00
76) Chrysene-d12	14.04	240	332726	20.00	ng	0.00
87) Perylene-d12	15.52	264	366351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1063664	105.34	ng	0.02
7) Phenol-d6	6.52	99	1232876	96.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	1022538	94.38	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	417796	121.33	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1821905	108.09	ng	0.00
79) Terphenyl-d14	12.99	244	1626995	90.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.88	88	158884	31.545	ng	# 86
3) Pyridine	3.57	79	348248	25.484	ng	100
4) n-Nitrosodimethylamine	3.51	42	172209	34.737	ng	100
6) Aniline	6.55	93	246272	13.812	ng	98
8) 2-Chlorophenol	6.67	128	456042	39.283	ng	99
9) Benzaldehyde	6.43	77	196024	24.483	ng	100
10) Phenol	6.53	94	447935	30.116	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	452688	39.976	ng	99
12) 1,3-Dichlorobenzene	6.83	146	513919	39.373	ng	97
13) 1,4-Dichlorobenzene	6.90	146	519472	39.888	ng	98
14) 1,2-Dichlorobenzene	7.06	146	481401	40.437	ng	98
15) Benzyl Alcohol	7.03	79	413665	40.699	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	598315	40.133	ng	96
17) 2-Methylphenol	7.13	107	383894	38.371	ng	99
18) Hexachloroethane	7.40	117	182133	37.679	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	334346	40.012	ng	98
20) 3+4-Methylphenols	7.29	107	442399	37.227	ng	95
22) Acetophenone	7.29	105	659280	46.325	ng	95
24) Nitrobenzene	7.46	77	515739	44.135	ng	96
25) Isophorone	7.70	82	939565	43.340	ng	99
26) 2-Nitrophenol	7.78	139	254154	42.256	ng	98
27) 2,4-Dimethylphenol	7.82	122	412304	45.815	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	582579	43.804	ng	99
29) 2,4-Dichlorophenol	8.02	162	410832	43.895	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	452981	42.817	ng	98
31) Naphthalene	8.19	128	1365129	44.745	ng	97
32) Benzoic acid	7.91	122	154451	20.913	ng	97
33) 4-Chloroaniline	8.23	127	130542	9.660	ng	98
34) Hexachlorobutadiene	8.31	225	258599	42.624	ng	99
35) Caprolactam	8.60	113	81386m	28.140	ng	
36) 4-Chloro-3-methylphenol	8.72	107	413588	42.601	ng	97
37) 2-Methylnaphthalene	8.88	142	916106	45.299	ng	98
38) 1-Methylnaphthalene	8.98	142	861090	44.827	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	426983	48.062	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	224289	44.258 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	289866	44.617 ng	99
44) 2,4,5-Trichlorophenol	9.20	196	297421	44.702 ng	99
46) 1,1'-Biphenyl	9.35	154	1111116	48.175 ng	98
47) 2-Chloronaphthalene	9.37	162	866937	45.143 ng	98
48) 2-Nitroaniline	9.46	65	258419	43.475 ng	92
49) Acenaphthylene	9.79	152	1298950	45.647 ng	98
50) Dimethylphthalate	9.65	163	1017967	45.862 ng	99
51) 2,6-Dinitrotoluene	9.70	165	224909	44.587 ng	93
52) Acenaphthene	9.96	154	813742	44.293 ng	98
53) 3-Nitroaniline	9.87	138	123061	21.349 ng	95
54) 2,4-Dinitrophenol	9.97	184	76231	29.435 ng	93
55) Dibenzofuran	10.13	168	1152352	44.168 ng	99
56) 4-Nitrophenol	10.03	139	292160	66.467 ng	99
57) 2,4-Dinitrotoluene	10.10	165	288136	44.091 ng	97
58) Fluorene	10.47	166	832049	44.610 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	237169	42.642 ng	98
60) Diethylphthalate	10.35	149	958679	46.097 ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	440062	42.546 ng	97
62) 4-Nitroaniline	10.48	138	207509	37.529 ng	99
63) Azobenzene	10.62	77	897413	44.488 ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	69385	21.857 ng	89
66) n-Nitrosodiphenylamine	10.58	169	779716	48.243 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	270905	45.626 ng	99
68) Hexachlorobenzene	11.03	284	291561	42.999 ng	98
69) Atrazine	11.10	200	249571	47.070 ng	97
70) Pentachlorophenol	11.22	266	283346	68.322 ng	99
71) Phenanthrene	11.43	178	1193313	44.806 ng	97
72) Anthracene	11.49	178	1190677	43.259 ng	99
73) Carbazole	11.63	167	1040392	43.104 ng	99
74) Di-n-butylphthalate	11.97	149	1398038	47.023 ng	100
75) Fluoranthene	12.62	202	1118089	39.727 ng	99
77) Benzidine	12.73	184	327980	27.826 ng	99
78) Pyrene	12.85	202	1108562	39.325 ng	97
80) Butylbenzylphthalate	13.46	149	511350	42.552 ng	98
81) Benzo(a)anthracene	14.03	228	915007	41.743 ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	233865	30.012 ng	98
83) Chrysene	14.07	228	950001	43.173 ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	688310	46.241 ng	98
85) Di-n-octyl phthalate	14.64	149	1169115	49.363 ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	854739	45.721 ng	99
88) Benzo(b)fluoranthene	15.09	252	1019660	43.224 ng	100
89) Benzo(k)fluoranthene	15.12	252	895276	42.568 ng	97
90) Benzo(a)pyrene	15.46	252	889161	43.854 ng	99
91) Dibenzo(a,h)anthracene	17.02	278	733851	41.228 ng	98
92) Benzo(g,h,i)perylene	17.44	276	665134	37.468 ng	98

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

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