Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115369.D
Acq On : 2 Jul 2019 19:35
Operator : HP/JU
Sample : K3158-10MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-062819MSD

Manual Integrations APPROVED
mohammad
7/3/2019 10:51:51 PM

Quant Time: Jul 03 06:55:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	231652	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	886989	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	429502	20.00	ng		0.02
64) Phenanthrene-d10	11.12	188	824769	20.00	ng		0.02
76) Chrysene-d12	13.74	240	439185	20.00	ng		0.02
87) Perylene-d12	15.11	264	513552	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1480605	98.63	ng		0.04
7) Phenol-d6	6.26	99	1709189	93.81	ng		0.02
23) Nitrobenzene-d5	7.18	82	1307124	90.65	ng		0.01
42) 2,4,6-Tribromophenol	10.43	330	592404	130.80	ng		0.02
45) 2-Fluorobiphenyl	8.97	172	2440907	96.53	ng		0.01
79) Terphenyl-d14	12.71	244	2339746	113.27	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	214979	30.344	ng	#	84
3) Pyridine	3.00	79	486863	24.382	ng		96
4) n-Nitrosodimethylamine	2.92	42	241336	30.830	ng		97
6) Aniline	6.27	93	214420	8.563	ng	#	1
8) 2-Chlorophenol	6.40	128	633732	37.544	ng		99
9) Benzaldehyde	6.15	77	316540	26.629	ng		98
10) Phenol	6.27	94	614348	28.785	ng		94
11) bis(2-Chloroethyl)ether	6.35	93	588306	37.394	ng		99
12) 1,3-Dichlorobenzene	6.55	146	713569	38.091	ng		99
13) 1,4-Dichlorobenzene	6.62	146	727013	38.701	ng		99
14) 1,2-Dichlorobenzene	6.78	146	664458	38.195	ng		99
15) Benzyl Alcohol	6.76	79	432867	32.626	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	810125	35.504	ng		85
17) 2-Methylphenol	6.88	107	563591	40.451	ng		95
18) Hexachloroethane	7.12	117	252954	37.351	ng		99
19) n-Nitroso-di-n-propylamine	7.04	70	424061	36.354	ng		99
20) 3+4-Methylphenols	7.03	107	622978	38.723	ng	#	80
22) Acetophenone	7.02	105	903147	44.477	ng	#	92
24) Nitrobenzene	7.19	77	665427	41.890	ng		98
25) Isophorone	7.44	82	1192603	40.375	ng		99
26) 2-Nitrophenol	7.51	139	365809	46.631	ng		96
27) 2,4-Dimethylphenol	7.56	122	575870	44.835	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	773350	41.424	ng		99
29) 2,4-Dichlorophenol	7.75	162	568203	42.867	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	629243	42.977	ng		99
31) Naphthalene	7.91	128	1890604	43.422	ng		99
32) Benzoic acid	7.66	122	117544	12.821	ng		96
33) 4-Chloroaniline	7.96	127	69503	3.493	ng		99
34) Hexachlorobutadiene	8.04	225	342585	42.698	ng		98
35) Caprolactam	8.34	113	134524m	30.186	ng		
36) 4-Chloro-3-methylphenol	8.46	107	574601	42.805	ng		100
37) 2-Methylnaphthalene	8.61	142	1285845	43.800	ng		98
38) 1-Methylnaphthalene	8.70	142	1214460	43.315	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	571832	47.115	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	445128	61.851	ng		100
43) 2,4,6-Trichlorophenol	8.89	196	403101	43.020	ng		98
44) 2,4,5-Trichlorophenol	8.93	196	458265	47.491	ng		97
46) 1,1'-Biphenyl	9.07	154	1496788	43.554	ng		98
47) 2-Chloronaphthalene	9.09	162	1201595	43.104	ng		97
48) 2-Nitroaniline	9.19	65	355233	43.710	ng		88
49) Acenaphthylene	9.50	152	1873092	43.127	ng		100
50) Dimethylphthalate	9.38	163	1460632	46.223	ng		100
51) 2,6-Dinitrotoluene	9.44	165	336841	46.172	ng	#	83
52) Acenaphthene	9.68	154	1074888	39.550	ng		99
53) 3-Nitroaniline	9.60	138	132980	14.937	ng		94
54) 2,4-Dinitrophenol	9.70	184	65275	23.136	ng		94
55) Dibenzofuran	9.85	168	1616455	41.440	ng		100
56) 4-Nitrophenol	9.77	139	473391	66.326	ng		95
57) 2,4-Dinitrotoluene	9.84	165	425076	45.126	ng		95
58) Fluorene	10.19	166	1138464	43.637	ng		97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	360542	44.559	ng		98
60) Diethylphthalate	10.08	149	1341920	42.247	ng		100
61) 4-Chlorophenyl-phenylether	10.18	204	560511	45.490	ng		96
62) 4-Nitroaniline	10.21	138	357490	40.027	ng		98
63) Azobenzene	10.34	77	1229373	41.437	ng		98
65) 4,6-Dinitro-2-methylphenol	10.24	198	80456	21.399	ng		95
66) n-Nitrosodiphenylamine	10.31	169	1137432	44.266	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	397082	44.406	ng		97
68) Hexachlorobenzene	10.74	284	438751	45.203	ng		96
69) Atrazine	10.84	200	370504	44.824	ng		99
70) Pentachlorophenol	10.93	266	365468	59.103	ng		98
71) Phenanthrene	11.14	178	1840396	41.444	ng		100
72) Anthracene	11.19	178	1898408	42.351	ng		99
73) Carbazole	11.35	167	1698850	42.442	ng		100
74) Di-n-butylphthalate	11.69	149	2064082	44.625	ng		99
75) Fluoranthene	12.32	202	1774494	40.050	ng		99
77) Benzidine	12.45	184	310892	15.942	ng		99
78) Pyrene	12.55	202	1783771	52.850	ng		100
80) Butylbenzylphthalate	13.18	149	785191	52.715	ng		97
81) Benzo(a)anthracene	13.74	228	1411265	44.784	ng		99
82) 3,3'-Dichlorobenzidine	13.70	252	205060	18.020	ng		98
83) Chrysene	13.77	228	1327017	45.971	ng		99
84) Bis(2-ethylhexyl)phthalate	13.75	149	1039209	53.246	ng	#	100
85) Di-n-octyl phthalate	14.36	149	1607174	49.011	ng		99
86) Indeno(1,2,3-cd)pyrene	16.40	276	1273580	37.285	ng		99
88) Benzo(b)fluoranthene	14.74	252	1487934	46.434	ng		99
89) Benzo(k)fluoranthene	14.77	252	1260202	43.853	ng		98
90) Benzo(a)pyrene	15.07	252	1326278	45.921	ng	#	96
91) Dibenzo(a,h)anthracene	16.41	278	1063775	39.453	ng		98
92) Benzo(g,h,i)perylene	16.78	276	990778	36.306	ng		98

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

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