Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120301.D
Acq On : 14 May 2020 20:05
Operator : MA/SJ
Sample : L2605-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 239997MSD

Manual Integrations APPROVED
mohammad
5/18/2020 1:32:05 PM

Quant Time: May 15 03:52:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 14 12:47:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	376716	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	1470402	20.00	ng		0.00
39) Acenaphthene-d10	9.66	164	739521	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	1313065	20.00	ng		0.00
76) Chrysene-d12	13.79	240	725837	20.00	ng		0.00
87) Perylene-d12	15.17	264	716091	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1959375	101.20	ng		0.01
7) Phenol-d6	6.29	99	2456136	100.31	ng		0.00
23) Nitrobenzene-d5	7.20	82	1564091	72.83	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	607515	100.75	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	2803280	77.88	ng		0.00
79) Terphenyl-d14	12.73	244	2664910	81.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	327909	42.575	ng		98
3) Pyridine	2.96	79	736318	30.413	ng		98
4) n-Nitrosodimethylamine	2.92	42	396571	41.833	ng		95
6) Aniline	6.29	93	660944	21.108	ng	#	43
8) 2-Chlorophenol	6.42	128	957040	42.394	ng		95
9) Benzaldehyde	6.17	77	604407	40.044	ng		99
10) Phenol	6.30	94	1158860	40.546	ng	#	77
11) bis(2-Chloroethyl)ether	6.37	93	912618	39.973	ng		99
12) 1,3-Dichlorobenzene	6.56	146	919386	38.060	ng		99
13) 1,4-Dichlorobenzene	6.64	146	965610	38.811	ng		99
14) 1,2-Dichlorobenzene	6.79	146	861725	38.462	ng		99
15) Benzyl Alcohol	6.78	79	726018	41.738	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1407946	39.131	ng		85
17) 2-Methylphenol	6.90	107	740390	38.851	ng		94
18) Hexachloroethane	7.13	117	359671	37.948	ng		98
19) n-Nitroso-di-n-propylamine	7.05	70	641886	40.017	ng		96
20) 3+4-Methylphenols	7.06	107	977104	39.436	ng		95
22) Acetophenone	7.05	105	1280983	42.525	ng		98
24) Nitrobenzene	7.22	77	965055	41.754	ng		98
25) Isophorone	7.46	82	1826695	40.879	ng		100
26) 2-Nitrophenol	7.53	139	526560	43.560	ng		98
27) 2,4-Dimethylphenol	7.58	122	807159	45.902	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	1190927	42.402	ng		99
29) 2,4-Dichlorophenol	7.78	162	769616	42.615	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	806444	40.296	ng		97
31) Naphthalene	7.93	128	2649410	42.693	ng		100
32) Benzoic acid	7.75	122	574372	49.833	ng		98
33) 4-Chloroaniline	7.99	127	304770	10.776	ng		99
34) Hexachlorobutadiene	8.05	225	451197	39.006	ng		97
35) Caprolactam	8.37	113	243330m	41.184	ng		
36) 4-Chloro-3-methylphenol	8.49	107	818878	41.915	ng		99
37) 2-Methylnaphthalene	8.62	142	1750219	41.213	ng		97
38) 1-Methylnaphthalene	8.72	142	1685203	40.914	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.79	216	791354	42.438	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	540413	71.063 ng	99
43) 2,4,6-Trichlorophenol	8.91	196	526247	42.043 ng	100
44) 2,4,5-Trichlorophenol	8.96	196	563629	39.210 ng	99
46) 1,1'-Biphenyl	9.09	154	2101200	43.365 ng	99
47) 2-Chloronaphthalene	9.12	162	1591386	40.944 ng	98
48) 2-Nitroaniline	9.22	65	566810	39.969 ng	96
49) Acenaphthylene	9.53	152	2450613	41.276 ng	99
50) Dimethylphthalate	9.40	163	2331453	49.872 ng	99
51) 2,6-Dinitrotoluene	9.46	165	420436	40.296 ng	97
52) Acenaphthene	9.70	154	1462444	41.094 ng	100
53) 3-Nitroaniline	9.63	138	223589	17.970 ng	94
54) 2,4-Dinitrophenol	9.75	184	336489	68.322 ng	93
55) Dibenzofuran	9.87	168	2113198	41.234 ng	98
56) 4-Nitrophenol	9.83	139	532573	79.660 ng	99
57) 2,4-Dinitrotoluene	9.87	165	489973	40.033 ng	96
58) Fluorene	10.22	166	1633506	41.853 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	458109	42.347 ng	99
60) Diethylphthalate	10.10	149	1851546	41.025 ng	99
61) 4-Chlorophenyl-phenylether	10.20	204	798584	39.354 ng	98
62) 4-Nitroaniline	10.25	138	363106	31.340 ng	97
63) Azobenzene	10.37	77	1789149	41.945 ng	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	255948	38.543 ng	97
66) n-Nitrosodiphenylamine	10.33	169	1548170	42.617 ng	99
67) 4-Bromophenyl-phenylether	10.69	248	505882	39.703 ng	97
68) Hexachlorobenzene	10.76	284	530554	39.802 ng	99
69) Atrazine	10.86	200	417001	38.363 ng	99
70) Pentachlorophenol	10.96	266	488263	86.123 ng	99
71) Phenanthrene	11.17	178	2521662	45.703 ng	99
72) Anthracene	11.23	178	2473607	41.878 ng	100
73) Carbazole	11.39	167	2231680	40.437 ng	99
74) Di-n-butylphthalate	11.72	149	2893146	43.497 ng	99
75) Fluoranthene	12.36	202	2719332	45.983 ng	99
77) Benzidine	12.49	184	1017604	48.010 ng	96
78) Pyrene	12.59	202	2653008	51.271 ng	99
80) Butylbenzylphthalate	13.21	149	1097826	45.056 ng	99
81) Benzo(a)anthracene	13.77	228	1693639	44.240 ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	482909	33.473 ng	98
83) Chrysene	13.82	228	1789110	43.521 ng	99
84) Bis(2-ethylhexyl)phthalate	13.77	149	1426644	47.061 ng	100
85) Di-n-octyl phthalate	14.38	149	2368758	43.434 ng	98
86) Indeno(1,2,3-cd)pyrene	16.52	276	1752884	46.981 ng	99
88) Benzo(b)fluoranthene	14.79	252	1763873	45.103 ng	98
89) Benzo(k)fluoranthene	14.82	252	1396965	41.230 ng	100
90) Benzo(a)pyrene	15.12	252	1482681	42.275 ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1416563	45.591 ng	99
92) Benzo(g,h,i)perylene	16.92	276	1531618	48.884 ng	98

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

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