Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114974.D
Acq On : 12 Jun 2019 15:04
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF061219

Manual Integrations APPROVED
mohammad
6/14/2019 8:46:21 AM

Quant Time: Jun 12 15:47:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	277081	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1128950	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	550056	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1069762	20.00	ng	0.00
76) Chrysene-d12	13.79	240	648367	20.00	ng	0.00
87) Perylene-d12	15.19	264	749012	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1348025	81.24	ng	0.00
7) Phenol-d6	6.30	99	1640893	81.98	ng	0.00
23) Nitrobenzene-d5	7.22	82	1525701	81.35	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	477975	81.15	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2684138	82.70	ng	0.00
79) Terphenyl-d14	12.74	244	2586844	75.04	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	316352	40.729	ng	99
3) Pyridine	2.95	79	856732	39.177	ng	99
4) n-Nitrosodimethylamine	2.90	42	311664	40.143	ng	98
6) Aniline	6.32	93	1093156	40.779	ng	94
8) 2-Chlorophenol	6.44	128	774578	41.166	ng	99
9) Benzaldehyde	6.19	77	469977	41.828	ng	99
10) Phenol	6.31	94	906156	40.462	ng	97
11) bis(2-Chloroethyl)ether	6.39	93	711342	40.923	ng	99
12) 1,3-Dichlorobenzene	6.59	146	896370	40.786	ng	98
13) 1,4-Dichlorobenzene	6.67	146	902447	40.844	ng	98
14) 1,2-Dichlorobenzene	6.82	146	825878	39.702	ng	100
15) Benzyl Alcohol	6.80	79	602789	40.193	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	960587	41.290	ng	98
17) 2-Methylphenol	6.92	107	649832	41.406	ng	99
18) Hexachloroethane	7.16	117	327363	41.026	ng	98
19) n-Nitroso-di-n-propylamine	7.08	70	498443	40.985	ng	99
20) 3+4-Methylphenols	7.07	107	741850	39.717	ng	96
22) Acetophenone	7.07	105	1045622	40.915	ng	99
24) Nitrobenzene	7.23	77	798197	41.828	ng	92
25) Isophorone	7.48	82	1427026	40.623	ng	99
26) 2-Nitrophenol	7.55	139	435508	40.944	ng	99
27) 2,4-Dimethylphenol	7.60	122	637485	41.545	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	923450	40.974	ng	100
29) 2,4-Dichlorophenol	7.80	162	669154	41.281	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	770551	41.139	ng	100
31) Naphthalene	7.96	128	2192368	41.044	ng	100
32) Benzoic acid	7.75	122	468468	42.196	ng	99
33) 4-Chloroaniline	8.00	127	1016415	41.223	ng	100
34) Hexachlorobutadiene	8.08	225	428311	41.140	ng	99
35) Caprolactam	8.39	113	222501	41.212	ng	95
36) 4-Chloro-3-methylphenol	8.50	107	672889	41.192	ng	99
37) 2-Methylnaphthalene	8.65	142	1466185	41.154	ng	99
38) 1-Methylnaphthalene	8.75	142	1395923	41.456	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	665699	40.964	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	325882	40.696	ng		99
43) 2,4,6-Trichlorophenol	8.93	196	506974	41.768	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	512156	41.753	ng		99
46) 1,1'-Biphenyl	9.11	154	1744093	39.568	ng		100
47) 2-Chloronaphthalene	9.13	162	1458011	40.905	ng		100
48) 2-Nitroaniline	9.23	65	435789	41.364	ng		99
49) Acenaphthylene	9.55	152	2163012	39.469	ng		100
50) Dimethylphthalate	9.42	163	1698351	41.056	ng		100
51) 2,6-Dinitrotoluene	9.47	165	393447	41.930	ng		99
52) Acenaphthene	9.72	154	1284481	40.967	ng		99
53) 3-Nitroaniline	9.64	138	472435	41.093	ng		100
54) 2,4-Dinitrophenol	9.75	184	205889	45.236	ng		97
55) Dibenzofuran	9.89	168	1871663	39.608	ng		99
56) 4-Nitrophenol	9.80	139	336454	42.438	ng		99
57) 2,4-Dinitrotoluene	9.87	165	505273	42.306	ng		98
58) Fluorene	10.23	166	1348771	42.282	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.01	232	412558	41.638	ng		99
60) Diethylphthalate	10.11	149	1632670	41.278	ng		99
61) 4-Chlorophenyl-phenylether	10.22	204	668725	42.397	ng		98
62) 4-Nitroaniline	10.25	138	477850	41.339	ng		98
63) Azobenzene	10.38	77	1430620	41.344	ng		99
65) 4,6-Dinitro-2-methylphenol	10.28	198	254869	42.508	ng		97
66) n-Nitrosodiphenylamine	10.34	169	1322700	41.364	ng		100
67) 4-Bromophenyl-phenylether	10.71	248	468734	40.809	ng		99
68) Hexachlorobenzene	10.77	284	522176	41.293	ng		99
69) Atrazine	10.87	200	415619	40.312	ng		99
70) Pentachlorophenol	10.97	266	299319	43.585	ng		99
71) Phenanthrene	11.18	178	2165496	39.206	ng		100
72) Anthracene	11.23	178	2186423	39.239	ng		100
73) Carbazole	11.39	167	1999498	41.112	ng		100
74) Di-n-butylphthalate	11.73	149	2415405	39.394	ng		100
75) Fluoranthene	12.36	202	2220029	39.307	ng		100
77) Benzidine	12.48	184	967607	36.896	ng		99
78) Pyrene	12.59	202	2240106	37.926	ng		99
80) Butylbenzylphthalate	13.22	149	1076063	39.005	ng		100
81) Benzo(a)anthracene	13.77	228	1988864	40.992	ng		100
82) 3,3'-Dichlorobenzidine	13.74	252	770766	41.436	ng	#	97
83) Chrysene	13.82	228	1969451	40.820	ng		100
84) Bis(2-ethylhexyl)phthalate	13.79	149	1285329	39.420	ng		100
85) Di-n-octyl phthalate	14.42	149	2352246	41.893	ng		100
86) Indeno(1,2,3-cd)pyrene	16.51	276	1756150	41.437	ng		99
88) Benzo(b)fluoranthene	14.82	252	2029362	40.757	ng		100
89) Benzo(k)fluoranthene	14.84	252	1709156m	39.108	ng		
90) Benzo(a)pyrene	15.14	252	1728462	40.230	ng		98
91) Dibenzo(a,h)anthracene	16.53	278	1415647	38.260	ng		99
92) Benzo(g,h,i)perylene	16.90	276	1405618	37.249	ng		99

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

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