Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070220\
Data File : BF120765.D
Acq On : 2 Jul 2020 18:27
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF070220

Manual Integrations APPROVED
mohammad
7/7/2020 8:25:34 AM

Quant Time: Jul 02 19:08:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	137775	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	497364	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	249365	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	445821	20.00	ng	0.00
76) Chrysene-d12	14.01	240	327193	20.00	ng	0.00
86) Perylene-d12	15.47	264	275952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	706128	79.12	ng	0.00
7) Phenol-d6	6.47	99	892975	78.35	ng	0.00
23) Nitrobenzene-d5	7.42	82	748331	87.17	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	217349	86.76	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1351398	81.99	ng	0.00
79) Terphenyl-d14	12.96	244	1355756	81.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	160296	39.317	ng	99
3) Pyridine	3.33	79	437915	39.214	ng	98
4) n-Nitrosodimethylamine	3.28	42	219885	39.359	ng	99
6) Aniline	6.51	93	573856	39.203	ng	99
8) 2-Chlorophenol	6.63	128	382173	40.218	ng	99
9) Benzaldehyde	6.40	77	242151	35.722	ng	99
10) Phenol	6.49	94	456737m	38.954	ng	
11) bis(2-Chloroethyl)ether	6.59	93	377320	39.546	ng	99
12) 1,3-Dichlorobenzene	6.79	146	412913	39.478	ng	99
13) 1,4-Dichlorobenzene	6.87	146	415681	39.680	ng	99
14) 1,2-Dichlorobenzene	7.02	146	394382	39.570	ng	99
15) Benzyl Alcohol	6.99	79	341947	39.930	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	580766	39.024	ng	99
17) 2-Methylphenol	7.10	107	330035	38.824	ng	99
18) Hexachloroethane	7.36	117	158400	40.229	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	265326	38.661	ng	99
20) 3+4-Methylphenols	7.25	107	419071	40.026	ng	99
22) Acetophenone	7.26	105	503929	40.762	ng	100
24) Nitrobenzene	7.43	77	409072	42.441	ng	99
25) Isophorone	7.67	82	738932	39.914	ng	99
26) 2-Nitrophenol	7.75	139	166886	41.749	ng	98
27) 2,4-Dimethylphenol	7.78	122	301194	40.756	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	440551	40.208	ng	100
29) 2,4-Dichlorophenol	7.99	162	301057	40.806	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	337509	40.730	ng	99
31) Naphthalene	8.16	128	1083468	40.762	ng	100
32) Benzoic acid	7.89	122	217245	42.139	ng	99
33) 4-Chloroaniline	8.20	127	451383	40.019	ng	99
34) Hexachlorobutadiene	8.27	225	207515	41.638	ng	99
35) Caprolactam	8.57	113	88003m	40.937	ng	
36) 4-Chloro-3-methylphenol	8.67	107	313271	40.820	ng	100
37) 2-Methylnaphthalene	8.85	142	699258	40.469	ng	100
38) 1-Methylnaphthalene	8.95	142	655804	40.519	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	314782	41.768	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	189436	42.543	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	213943	41.660	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	236145	41.435	ng		99
46) 1,1'-Biphenyl	9.31	154	819131	40.723	ng		99
47) 2-Chloronaphthalene	9.33	162	656898	40.765	ng		100
48) 2-Nitroaniline	9.43	65	201119	42.027	ng		98
49) Acenaphthylene	9.75	152	1004068	39.743	ng		100
50) Dimethylphthalate	9.61	163	729883	40.124	ng		100
51) 2,6-Dinitrotoluene	9.67	165	149288	41.612	ng		99
52) Acenaphthene	9.92	154	638206	40.720	ng		99
53) 3-Nitroaniline	9.84	138	180478	41.032	ng		95
54) 2,4-Dinitrophenol	9.94	184	50105	40.562	ng		97
55) Dibenzofuran	10.09	168	918610	40.660	ng		100
56) 4-Nitrophenol	9.99	139	134805	41.444	ng		99
57) 2,4-Dinitrotoluene	10.07	165	184580	41.437	ng		99
58) Fluorene	10.44	166	682554	40.589	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	178206m	42.019	ng		
60) Diethylphthalate	10.31	149	762702	40.249	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	344734	40.780	ng		100
62) 4-Nitroaniline	10.45	138	171500	44.373	ng		97
63) Azobenzene	10.59	77	768204	39.630	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	73586	40.528	ng		98
66) n-Nitrosodiphenylamine	10.55	169	609999	40.822	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	215228	41.618	ng		98
68) Hexachlorobenzene	10.98	284	226042	41.653	ng		99
69) Atrazine	11.07	200	159298	41.380	ng		99
70) Pentachlorophenol	11.17	266	136861	44.575	ng		100
71) Phenanthrene	11.40	178	978496	40.451	ng		100
72) Anthracene	11.45	178	999486	40.889	ng		100
73) Carbazole	11.60	167	944365	40.203	ng		100
74) Di-n-butylphthalate	11.94	149	1192388	41.001	ng		100
75) Fluoranthene	12.59	202	1057750	41.048	ng		98
77) Benzidine	12.70	184	367341	39.776	ng		100
78) Pyrene	12.82	202	1071503	41.004	ng		99
80) Butylbenzylphthalate	13.44	149	477794	42.351	ng		99
81) Benzo(a)anthracene	14.00	228	878051	41.865	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	300089	42.398	ng	#	95
83) Chrysene	14.04	228	878616	41.069	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	625664	42.291	ng	#	98
85) Di-n-octyl phthalate	14.62	149	1103302	42.154	ng		99
87) Indeno(1,2,3-cd)pyrene	16.93	276	753481	42.570	ng		100
88) Benzo(b)fluoranthene	15.05	252	778943	42.937	ng		99
89) Benzo(k)fluoranthene	15.08	252	749924	42.481	ng		99
90) Benzo(a)pyrene	15.42	252	684902	42.321	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	630201	42.719	ng		99
92) Benzo(g,h,i)perylene	17.36	276	557628	41.359	ng		99

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

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