Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
Data File : BF121332.D
Acq On : 19 Aug 2020 22:02
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF081920

Quant Time: Aug 20 05:30:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	164694	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	605816	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	314823	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	597522	20.00	ng		0.00
76) Chrysene-d12	13.84	240	455584	20.00	ng		0.00
86) Perylene-d12	15.25	264	462352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	726839	72.37	ng		0.00
7) Phenol-d6	6.34	99	924983	72.14	ng		0.00
23) Nitrobenzene-d5	7.26	82	783307	73.13	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	273777	74.63	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1323688	79.95	ng		0.00
79) Terphenyl-d14	12.79	244	1483611	63.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	166705	36.678	ng		100
3) Pyridine	3.02	79	460569	37.756	ng		100
4) n-Nitrosodimethylamine	2.98	42	188367	37.939	ng		98
6) Aniline	6.36	93	542099	36.615	ng	#	87
8) 2-Chlorophenol	6.48	128	388552	37.013	ng		99
9) Benzaldehyde	6.25	77	275102	38.138	ng		100
10) Phenol	6.35	94	462793	34.423	ng		99
11) bis(2-Chloroethyl)ether	6.44	93	377463	36.455	ng		96
12) 1,3-Dichlorobenzene	6.63	146	428306	36.417	ng		99
13) 1,4-Dichlorobenzene	6.71	146	433203	36.486	ng		99
14) 1,2-Dichlorobenzene	6.86	146	393151	34.770	ng		100
15) Benzyl Alcohol	6.85	79	279773	36.265	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	554503	36.371	ng		99
17) 2-Methylphenol	6.96	107	313663	36.212	ng		99
18) Hexachloroethane	7.20	117	160987	36.415	ng		99
19) n-Nitroso-di-n-propylamine	7.12	70	239570	34.741	ng		99
20) 3+4-Methylphenols	7.12	107	352937	40.307	ng		96
22) Acetophenone	7.11	105	497674	35.138	ng		100
24) Nitrobenzene	7.28	77	403525	36.961	ng		100
25) Isophorone	7.52	82	704479	36.139	ng		99
26) 2-Nitrophenol	7.60	139	211656	37.801	ng		100
27) 2,4-Dimethylphenol	7.64	122	295520	36.988	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	483431	36.431	ng		99
29) 2,4-Dichlorophenol	7.84	162	323976	37.141	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	359239	36.014	ng		98
31) Naphthalene	8.00	128	1080715	35.843	ng		100
32) Benzoic acid	7.79	122	236876	39.405	ng		99
33) 4-Chloroaniline	8.05	127	486500	36.439	ng		97
34) Hexachlorobutadiene	8.12	225	213952	36.243	ng		99
35) Caprolactam	8.43	113	111240	38.938	ng		97
36) 4-Chloro-3-methylphenol	8.54	107	327031	37.069	ng		99
37) 2-Methylnaphthalene	8.69	142	708621	36.260	ng		100
38) 1-Methylnaphthalene	8.79	142	674901	36.321	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	341661	36.565	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	131122	38.875 ng	99
43) 2,4,6-Trichlorophenol	8.97	196	240442	37.640 ng	99
44) 2,4,5-Trichlorophenol	9.01	196	245829	37.405 ng	99
46) 1,1'-Biphenyl	9.15	154	853587	36.175 ng	100
47) 2-Chloronaphthalene	9.17	162	704959	36.263 ng	100
48) 2-Nitroaniline	9.28	65	229541	37.502 ng	87
49) Acenaphthylene	9.59	152	1052178	36.439 ng	100
50) Dimethylphthalate	9.46	163	833351	36.384 ng	100
51) 2,6-Dinitrotoluene	9.52	165	182026	37.212 ng	96
52) Acenaphthene	9.76	154	634690	36.176 ng	98
53) 3-Nitroaniline	9.69	138	226824	37.068 ng	98
54) 2,4-Dinitrophenol	9.80	184	101030	42.842 ng	99
55) Dibenzofuran	9.93	168	919212	40.510 ng	100
56) 4-Nitrophenol	9.86	139	150279	39.821 ng	99
57) 2,4-Dinitrotoluene	9.93	165	225771	37.834 ng	97
58) Fluorene	10.27	166	681275	40.783 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	215045	38.277 ng	99
60) Diethylphthalate	10.16	149	810798	36.252 ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	335206	39.674 ng	98
62) 4-Nitroaniline	10.30	138	239904	38.263 ng	100
63) Azobenzene	10.43	77	759625	36.567 ng	100
65) 4,6-Dinitro-2-methylphenol	10.33	198	131014	40.999 ng	98
66) n-Nitrosodiphenylamine	10.39	169	674612	36.602 ng	100
67) 4-Bromophenyl-phenylether	10.76	248	243901	36.798 ng	99
68) Hexachlorobenzene	10.82	284	276899	36.243 ng	99
69) Atrazine	10.92	200	211409	37.028 ng	99
70) Pentachlorophenol	11.02	266	140576	41.354 ng	99
71) Phenanthrene	11.23	178	1083347	35.032 ng	100
72) Anthracene	11.29	178	1070908	35.961 ng	100
73) Carbazole	11.44	167	1030754	36.267 ng	100
74) Di-n-butylphthalate	11.77	149	1267896	36.996 ng	100
75) Fluoranthene	12.42	202	1186840	35.358 ng	99
77) Benzidine	12.54	184	458801	36.553 ng	100
78) Pyrene	12.64	202	1225867	35.821 ng	99
80) Butylbenzylphthalate	13.27	149	548159	37.277 ng	99
81) Benzo(a)anthracene	13.83	228	952173	33.650 ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	406513	37.417 ng	99
83) Chrysene	13.87	228	1039527	35.919 ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	605278	35.001 ng	100
85) Di-n-octyl phthalate	14.44	149	1218591	38.077 ng	100
87) Indeno(1,2,3-cd)pyrene	16.61	276	1032643	36.589 ng	100
88) Benzo(b)fluoranthene	14.86	252	1065159	35.660 ng	99
89) Benzo(k)fluoranthene	14.89	252	952570	36.229 ng	98
90) Benzo(a)pyrene	15.20	252	946779	36.684 ng	98
91) Dibenzo(a,h)anthracene	16.62	278	833928	36.038 ng	100
92) Benzo(g,h,i)perylene	17.02	276	829862	36.683 ng	100

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

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