Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121452.D
Acq On : 28 Aug 2020 10:36
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 28 12:06:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	349684	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1288928	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	658366	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1228077	20.00	ng		0.00
76) Chrysene-d12	14.03	240	983010	20.00	ng		0.00
86) Perylene-d12	15.49	264	1015785	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1569838	75.32	ng		0.00
7) Phenol-d6	6.49	99	2171077	74.54	ng		0.00
23) Nitrobenzene-d5	7.43	82	1667336	88.44	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	562373	84.57	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2938690	72.02	ng		0.00
79) Terphenyl-d14	12.97	244	3192880	68.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	367024	36.925	ng		100
3) Pyridine	3.40	79	1017088	37.576	ng		98
4) n-Nitrosodimethylamine	3.36	42	447104	37.368	ng		95
6) Aniline	6.52	93	1312125	37.968	ng		99
8) 2-Chlorophenol	6.65	128	836577	39.548	ng		99
9) Benzaldehyde	6.41	77	565853	38.976	ng		100
10) Phenol	6.50	94	1132170	39.735	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	843702	36.445	ng		99
12) 1,3-Dichlorobenzene	6.80	146	939038	36.869	ng		99
13) 1,4-Dichlorobenzene	6.88	146	934699	36.619	ng		99
14) 1,2-Dichlorobenzene	7.03	146	882294	37.122	ng		99
15) Benzyl Alcohol	7.00	79	739535	38.684	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1256987	36.652	ng		100
17) 2-Methylphenol	7.11	107	690344	37.508	ng		99
18) Hexachloroethane	7.37	117	343983	39.377	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	601219	36.936	ng		100
20) 3+4-Methylphenols	7.26	107	848067	38.077	ng	#	80
22) Acetophenone	7.27	105	1144615	36.030	ng	#	99
24) Nitrobenzene	7.45	77	860952	45.557	ng		99
25) Isophorone	7.69	82	1532767	36.145	ng		100
26) 2-Nitrophenol	7.76	139	338904	44.538	ng		98
27) 2,4-Dimethylphenol	7.79	122	667983	37.980	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	1052695	36.507	ng		99
29) 2,4-Dichlorophenol	8.00	162	691762	39.835	ng		100
30) 1,2,4-Trichlorobenzene	8.09	180	772897	36.331	ng		99
31) Naphthalene	8.17	128	2327949	36.380	ng		100
32) Benzoic acid	7.92	122	451914	43.467	ng		99
33) 4-Chloroaniline	8.22	127	1038836	36.449	ng		100
34) Hexachlorobutadiene	8.29	225	465097	36.763	ng		99
35) Caprolactam	8.59	113	221822	39.164	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	693775	37.891	ng		97
37) 2-Methylnaphthalene	8.86	142	1540743	36.341	ng		99
38) 1-Methylnaphthalene	8.96	142	1478716	36.937	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	716348	36.705	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	334039	40.702 ng	99
43) 2,4,6-Trichlorophenol	9.13	196	492928	39.961 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	495221	40.600 ng	99
46) 1,1'-Biphenyl	9.32	154	1822531	36.685 ng	99
47) 2-Chloronaphthalene	9.35	162	1484174	36.346 ng	97
48) 2-Nitroaniline	9.44	65	453386	40.727 ng	99
49) Acenaphthylene	9.76	152	2255504	36.824 ng	99
50) Dimethylphthalate	9.63	163	1656609	36.631 ng	100
51) 2,6-Dinitrotoluene	9.68	165	341743	41.347 ng	90
52) Acenaphthene	9.94	154	1430456	36.985 ng	99
53) 3-Nitroaniline	9.85	138	436309	41.266 ng	92
54) 2,4-Dinitrophenol	9.95	184	107164	44.792 ng	94
55) Dibenzofuran	10.11	168	2036138	36.242 ng	99
56) 4-Nitrophenol	10.00	139	315961	40.488 ng	99
57) 2,4-Dinitrotoluene	10.09	165	420707	41.485 ng	92
58) Fluorene	10.45	166	1501248	35.447 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	430156	42.358 ng	100
60) Diethylphthalate	10.32	149	1683609	37.055 ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	762250	35.921 ng	100
62) 4-Nitroaniline	10.47	138	444295	40.941 ng	97
63) Azobenzene	10.60	77	1625196	36.171 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	147603	44.253 ng	87
66) n-Nitrosodiphenylamine	10.56	169	1417276	36.489 ng	100
67) 4-Bromophenyl-phenylether	10.93	248	497493	36.824 ng	99
68) Hexachlorobenzene	11.00	284	578986	36.649 ng	98
69) Atrazine	11.09	200	426455	37.858 ng	99
70) Pentachlorophenol	11.19	266	313764	43.473 ng	98
71) Phenanthrene	11.41	178	2280748	36.189 ng	100
72) Anthracene	11.46	178	2257832	36.425 ng	100
73) Carbazole	11.62	167	2175554	36.397 ng	100
74) Di-n-butylphthalate	11.95	149	2479728	37.344 ng	100
75) Fluoranthene	12.60	202	2460157	36.220 ng	100
77) Benzidine	12.72	184	887576	41.400 ng	99
78) Pyrene	12.83	202	2549520	36.316 ng	100
80) Butylbenzylphthalate	13.45	149	1091608	40.360 ng	100
81) Benzo(a)anthracene	14.02	228	2160403	36.002 ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	834277	37.957 ng	99
83) Chrysene	14.06	228	2148933	35.794 ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1340719	38.381 ng	100
85) Di-n-octyl phthalate	14.63	149	2409553	40.703 ng	100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2224623	35.594 ng	99
88) Benzo(b)fluoranthene	15.06	252	2359951	35.715 ng	99
89) Benzo(k)fluoranthene	15.10	252	2118749	34.474 ng	100
90) Benzo(a)pyrene	15.43	252	2077325	34.962 ng	99
91) Dibenzo(a,h)anthracene	16.98	278	1805057	35.282 ng	99
92) Benzo(g,h,i)perylene	17.40	276	1732879	35.162 ng	99

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

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