Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082720\
Data File : BF121446.D
Acq On : 27 Aug 2020 20:11
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
8/28/2020 1:33:29 PM

Quant Time: Aug 28 03:24:01 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 03:08:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	370846	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1318014	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	664437	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1222917	20.00	ng		0.00
76) Chrysene-d12	14.03	240	924672	20.00	ng		0.00
86) Perylene-d12	15.49	264	876170	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2015809	89.09	ng		0.00
7) Phenol-d6	6.50	99	2787273	89.04	ng		0.00
23) Nitrobenzene-d5	7.43	82	2086504	99.75	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	708418	95.21	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	3580775	84.88	ng		0.00
79) Terphenyl-d14	12.97	244	3855793	87.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	485305	46.336	ng		99
3) Pyridine	3.40	79	1320595	45.475	ng		98
4) n-Nitrosodimethylamine	3.37	42	598204	47.328	ng		95
6) Aniline	6.52	93	1717569	48.359	ng		99
8) 2-Chlorophenol	6.65	128	1063074	45.097	ng		98
9) Benzaldehyde	6.41	77	675562	42.594	ng		99
10) Phenol	6.51	94	1440892	47.158	ng		95
11) bis(2-Chloroethyl)ether	6.60	93	1106987	41.992	ng		98
12) 1,3-Dichlorobenzene	6.80	146	1210290	44.729	ng		99
13) 1,4-Dichlorobenzene	6.88	146	1210011	44.649	ng		98
14) 1,2-Dichlorobenzene	7.04	146	1102609	43.743	ng		98
15) Benzyl Alcohol	7.00	79	943618	44.940	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1642944	44.225	ng		99
17) 2-Methylphenol	7.11	107	897448	45.331	ng		99
18) Hexachloroethane	7.38	117	441437	44.904	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	783670	43.855	ng		100
20) 3+4-Methylphenols	7.27	107	1049817	43.497	ng	#	86
22) Acetophenone	7.28	105	1446032	44.406	ng	#	98
24) Nitrobenzene	7.45	77	1096352	49.085	ng		97
25) Isophorone	7.69	82	2024552	45.583	ng		99
26) 2-Nitrophenol	7.76	139	418474	53.760	ng		97
27) 2,4-Dimethylphenol	7.80	122	868912	47.409	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	1376709	45.803	ng		99
29) 2,4-Dichlorophenol	8.00	162	897647	47.916	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	1006437	46.332	ng		98
31) Naphthalene	8.17	128	2926907	44.464	ng		99
32) Benzoic acid	7.94	122	586360	56.851	ng		97
33) 4-Chloroaniline	8.22	127	1367668	47.472	ng		99
34) Hexachlorobutadiene	8.29	225	593929	45.810	ng		100
35) Caprolactam	8.60	113	300539m	46.727	ng		
36) 4-Chloro-3-methylphenol	8.70	107	895815	46.091	ng		97
37) 2-Methylnaphthalene	8.86	142	1933186	43.978	ng		99
38) 1-Methylnaphthalene	8.96	142	1831428	44.056	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	898296	46.231	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	450031	47.867 ng	100
43) 2,4,6-Trichlorophenol	9.13	196	647668	49.209 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	639372	48.816 ng	98
46) 1,1'-Biphenyl	9.33	154	2232012	44.883 ng	98
47) 2-Chloronaphthalene	9.35	162	1875495	46.110 ng	98
48) 2-Nitroaniline	9.45	65	564801	54.070 ng	96
49) Acenaphthylene	9.77	152	2805291	45.082 ng	99
50) Dimethylphthalate	9.63	163	2116822	44.890 ng	100
51) 2,6-Dinitrotoluene	9.69	165	422102	50.474 ng	92
52) Acenaphthene	9.94	154	1787698	45.471 ng	100
53) 3-Nitroaniline	9.86	138	539781	51.120 ng	93
54) 2,4-Dinitrophenol	9.96	184	134719	50.424 ng	84
55) Dibenzofuran	10.11	168	2556788	45.163 ng	98
56) 4-Nitrophenol	10.00	139	401330	51.869 ng	96
57) 2,4-Dinitrotoluene	10.09	165	522364	51.808 ng	92
58) Fluorene	10.45	166	1851467	42.974 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	545010	48.414 ng	99
60) Diethylphthalate	10.33	149	2123076	43.957 ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	935755	43.279 ng	96
62) 4-Nitroaniline	10.47	138	546326	51.038 ng	99
63) Azobenzene	10.60	77	2057407	44.048 ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	184650	51.607 ng	89
66) n-Nitrosodiphenylamine	10.56	169	1776617	46.036 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	623256	46.250 ng	96
68) Hexachlorobenzene	11.00	284	726308	46.091 ng	98
69) Atrazine	11.09	200	532517	44.695 ng	98
70) Pentachlorophenol	11.19	266	402281	51.117 ng	98
71) Phenanthrene	11.42	178	2738808	43.825 ng	99
72) Anthracene	11.46	178	2755490	44.656 ng	100
73) Carbazole	11.62	167	2687284	44.998 ng	99
74) Di-n-butylphthalate	11.95	149	3022467	42.702 ng	99
75) Fluoranthene	12.60	202	2991004	43.680 ng	99
77) Benzidine	12.72	184	990225	47.667 ng	100
78) Pyrene	12.83	202	3050430	46.675 ng	99
80) Butylbenzylphthalate	13.45	149	1327051	48.786 ng	97
81) Benzo(a)anthracene	14.02	228	2503233	44.376 ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	946742	45.367 ng	99
83) Chrysene	14.06	228	2526196	45.141 ng	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	1585534	44.051 ng	100
85) Di-n-octyl phthalate	14.63	149	2861736	45.688 ng	100
87) Indeno(1,2,3-cd)pyrene	16.96	276	2431342	44.257 ng	100
88) Benzo(b)fluoranthene	15.07	252	2686244	47.026 ng	99
89) Benzo(k)fluoranthene	15.10	252	2456931	47.377 ng	99
90) Benzo(a)pyrene	15.43	252	2407905	47.607 ng	99
91) Dibenzo(a,h)anthracene	16.98	278	1968302	43.650 ng	98
92) Benzo(g,h,i)perylene	17.40	276	1877726	43.320 ng	99

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

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