Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119627.D
Acq On : 28 Mar 2020 20:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/31/2020 8:15:03 AM

Quant Time: Mar 30 02:50:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	287108	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	948339	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	405941	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	629140	20.00	ng		0.00
76) Chrysene-d12	14.01	240	498857	20.00	ng		0.00
87) Perylene-d12	15.47	264	425226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1481549	82.15	ng		0.00
7) Phenol-d6	6.46	99	1769785	76.82	ng		0.00
23) Nitrobenzene-d5	7.40	82	1450906	83.15	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	314024	74.98	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2388796	87.18	ng		0.00
79) Terphenyl-d14	12.96	244	1943794	76.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	360649	40.488	ng		96
3) Pyridine	3.30	79	935315	38.114	ng		93
4) n-Nitrosodimethylamine	3.25	42	416986	34.844	ng		91
6) Aniline	6.50	93	1175291	36.962	ng		98
8) 2-Chlorophenol	6.62	128	751794	39.688	ng		99
9) Benzaldehyde	6.39	77	538056	36.815	ng		98
10) Phenol	6.48	94	1019921	41.489	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	775399	39.438	ng		99
12) 1,3-Dichlorobenzene	6.78	146	807145	39.370	ng		99
13) 1,4-Dichlorobenzene	6.86	146	816841	39.833	ng		99
14) 1,2-Dichlorobenzene	7.01	146	722737	37.706	ng		99
15) Benzyl Alcohol	6.97	79	619385	35.740	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1428191	36.012	ng		100
17) 2-Methylphenol	7.09	107	626292	36.086	ng		98
18) Hexachloroethane	7.35	117	225227	29.970	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	490597	35.328	ng		96
20) 3+4-Methylphenols	7.24	107	766978	36.059	ng		99
22) Acetophenone	7.25	105	881782	38.913	ng	#	98
24) Nitrobenzene	7.42	77	751676	40.309	ng		98
25) Isophorone	7.66	82	1359952	38.420	ng		98
26) 2-Nitrophenol	7.73	139	308440	42.008	ng		95
27) 2,4-Dimethylphenol	7.77	122	535035	35.241	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	834449	39.866	ng		100
29) 2,4-Dichlorophenol	7.97	162	537792	38.551	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	612141	39.679	ng		98
31) Naphthalene	8.15	128	1912024	39.179	ng		100
32) Benzoic acid	7.87	122	331111m	33.904	ng		
33) 4-Chloroaniline	8.19	127	836811	37.421	ng		98
34) Hexachlorobutadiene	8.26	225	365670	42.363	ng		98
35) Caprolactam	8.56	113	162192	35.525	ng		97
36) 4-Chloro-3-methylphenol	8.67	107	555866	36.458	ng		97
37) 2-Methylnaphthalene	8.84	142	1211066	37.812	ng		98
38) 1-Methylnaphthalene	8.93	142	1121695	37.000	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	547233	45.992	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	31909	4.717 ng		98
43) 2,4,6-Trichlorophenol	9.12	196	361515	42.457 ng		97
44) 2,4,5-Trichlorophenol	9.15	196	400346	41.971 ng		99
46) 1,1'-Biphenyl	9.30	154	1452439	43.931 ng		99
47) 2-Chloronaphthalene	9.33	162	1099880	42.470 ng		98
48) 2-Nitroaniline	9.42	65	409964	45.863 ng		92
49) Acenaphthylene	9.74	152	1624452	39.943 ng		99
50) Dimethylphthalate	9.60	163	1278194	44.329 ng		100
51) 2,6-Dinitrotoluene	9.66	165	263030	42.559 ng		97
52) Acenaphthene	9.92	154	967080	38.144 ng		99
53) 3-Nitroaniline	9.83	138	330300	42.332 ng		98
54) 2,4-Dinitrophenol	9.93	184	6307	9.417 ng	#	79
55) Dibenzofuran	10.09	168	1425095	39.204 ng		99
56) 4-Nitrophenol	9.98	139	201802	32.785 ng		98
57) 2,4-Dinitrotoluene	10.06	165	309648	39.772 ng		94
58) Fluorene	10.43	166	1021871	38.015 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	259202	36.354 ng		98
60) Diethylphthalate	10.30	149	1242933	42.472 ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	544501	41.422 ng		99
62) 4-Nitroaniline	10.44	138	294783	39.398 ng		97
63) Azobenzene	10.58	77	1074581	36.463 ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	12118	4.593 ng		83
66) n-Nitrosodiphenylamine	10.54	169	953434	46.163 ng		100
67) 4-Bromophenyl-phenylether	10.91	248	325647	45.449 ng		100
68) Hexachlorobenzene	10.98	284	311127	42.426 ng	#	90
69) Atrazine	11.06	200	229775	40.580 ng		100
70) Pentachlorophenol	11.17	266	171024	39.774 ng		98
71) Phenanthrene	11.39	178	1318453	40.415 ng		99
72) Anthracene	11.45	178	1336153	40.299 ng		98
73) Carbazole	11.60	167	1303315	39.714 ng		97
74) Di-n-butylphthalate	11.93	149	1604507	45.705 ng		99
75) Fluoranthene	12.58	202	1405360	39.806 ng		98
77) Benzidine	12.70	184	769538	36.451 ng		99
78) Pyrene	12.81	202	1445719	35.313 ng		97
80) Butylbenzylphthalate	13.43	149	660842	39.909 ng		99
81) Benzo(a)anthracene	14.00	228	1272139	39.215 ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	540756	42.277 ng		99
83) Chrysene	14.04	228	1282361	38.303 ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	874135	44.284 ng		98
85) Di-n-octyl phthalate	14.60	149	1620221	46.671 ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1010728	32.055 ng		99
88) Benzo(b)fluoranthene	15.04	252	1229212	43.274 ng		98
89) Benzo(k)fluoranthene	15.07	252	1075008	39.745 ng		99
90) Benzo(a)pyrene	15.42	252	1031997	39.978 ng		98
91) Dibenzo(a,h)anthracene	16.96	278	861139	38.139 ng		99
92) Benzo(g,h,i)perylene	17.38	276	804422	35.463 ng		96

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

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