Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121034.D
Acq On : 27 Jul 2020 16:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/28/2020 11:43:18 AM

Quant Time: Jul 27 17:18:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	185901	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	700140	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	367497	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	719014	20.00	ng		0.00
76) Chrysene-d12	13.98	240	573102	20.00	ng		0.00
86) Perylene-d12	15.42	264	605490	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	827331	72.96	ng		0.00
7) Phenol-d6	6.45	99	1072602	73.22	ng		0.00
23) Nitrobenzene-d5	7.38	82	917345	75.81	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	322717	80.23	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1599764	64.99	ng		0.00
79) Terphenyl-d14	12.92	244	1854659	70.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	196043	37.564	ng		99
3) Pyridine	3.27	79	540712	38.947	ng		99
4) n-Nitrosodimethylamine	3.23	42	211390	35.607	ng		95
6) Aniline	6.48	93	699874	36.602	ng		99
8) 2-Chlorophenol	6.60	128	472859	37.852	ng		97
9) Benzaldehyde	6.36	77	292112	41.597	ng		99
10) Phenol	6.46	94	587717	36.474	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	470997	38.140	ng		97
12) 1,3-Dichlorobenzene	6.76	146	504694	37.257	ng		98
13) 1,4-Dichlorobenzene	6.83	146	509717	37.841	ng		100
14) 1,2-Dichlorobenzene	6.99	146	474532	37.239	ng		99
15) Benzyl Alcohol	6.96	79	373156	36.022	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	673842	37.857	ng		98
17) 2-Methylphenol	7.07	107	413002	37.300	ng		99
18) Hexachloroethane	7.33	117	187324	38.423	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	303350	36.419	ng		97
20) 3+4-Methylphenols	7.23	107	460791	32.715	ng	#	89
22) Acetophenone	7.23	105	563714	35.875	ng	#	92
24) Nitrobenzene	7.40	77	497599	38.156	ng		97
25) Isophorone	7.64	82	917665	38.000	ng		98
26) 2-Nitrophenol	7.72	139	261173	42.167	ng		98
27) 2,4-Dimethylphenol	7.76	122	376553	37.445	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	573315	38.893	ng		100
29) 2,4-Dichlorophenol	7.96	162	399326	38.860	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	440308	38.621	ng		99
31) Naphthalene	8.12	128	1326293	36.930	ng		100
32) Benzoic acid	7.89	122	337058	44.650	ng		98
33) 4-Chloroaniline	8.17	127	598492	37.357	ng		99
34) Hexachlorobutadiene	8.24	225	261421	38.897	ng		99
35) Caprolactam	8.55	113	132145m	40.100	ng		
36) 4-Chloro-3-methylphenol	8.66	107	413936	39.277	ng		95
37) 2-Methylnaphthalene	8.82	142	899722	38.583	ng		99
38) 1-Methylnaphthalene	8.91	142	845362	38.277	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	414329	38.696	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	222994	37.683	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	292088	38.744	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	335358	39.216	ng		99
46) 1,1'-Biphenyl	9.28	154	1053428	37.579	ng		99
47) 2-Chloronaphthalene	9.30	162	864256	37.814	ng		97
48) 2-Nitroaniline	9.40	65	275326	39.862	ng		94
49) Acenaphthylene	9.72	152	1350310	38.030	ng		100
50) Dimethylphthalate	9.58	163	1043440	39.356	ng		99
51) 2,6-Dinitrotoluene	9.64	165	237871	41.761	ng		96
52) Acenaphthene	9.89	154	869901	38.536	ng		99
53) 3-Nitroaniline	9.81	138	282859	39.595	ng		99
54) 2,4-Dinitrophenol	9.92	184	120493	40.445	ng	#	83
55) Dibenzofuran	10.06	168	1215446	37.234	ng		99
56) 4-Nitrophenol	9.97	139	203990	37.591	ng		98
57) 2,4-Dinitrotoluene	10.05	165	319879	42.764	ng		97
58) Fluorene	10.40	166	869585	35.717	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	267994	41.160	ng		96
60) Diethylphthalate	10.27	149	1052233	39.238	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	454272	34.982	ng		100
62) 4-Nitroaniline	10.42	138	282877	40.650	ng		99
63) Azobenzene	10.56	77	969414	37.971	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	163836	40.062	ng		96
66) n-Nitrosodiphenylamine	10.52	169	853556	37.737	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	319168	39.814	ng	#	91
68) Hexachlorobenzene	10.95	284	341731	39.408	ng	#	91
69) Atrazine	11.04	200	181045	32.320	ng		98
70) Pentachlorophenol	11.14	266	204408	41.146	ng		99
71) Phenanthrene	11.36	178	1358167	36.728	ng		100
72) Anthracene	11.42	178	1400911	37.727	ng		99
73) Carbazole	11.57	167	1401115	38.022	ng		99
74) Di-n-butylphthalate	11.90	149	1668306	39.231	ng		99
75) Fluoranthene	12.55	202	1540262	37.578	ng		98
77) Benzidine	12.67	184	616599	40.921	ng		99
78) Pyrene	12.78	202	1589240	39.223	ng		100
80) Butylbenzylphthalate	13.40	149	758964	42.019	ng		98
81) Benzo(a)anthracene	13.97	228	1310878	37.773	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	541338	41.346	ng		98
83) Chrysene	14.00	228	1378412	37.795	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	924448	41.505	ng	#	99
85) Di-n-octyl phthalate	14.57	149	1770249	39.949	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1499458	35.609	ng		99
88) Benzo(b)fluoranthene	15.01	252	1516564	41.437	ng		98
89) Benzo(k)fluoranthene	15.04	252	1306101	39.130	ng		99
90) Benzo(a)pyrene	15.37	252	1323887	39.647	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	1245342	36.205	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1149070	33.880	ng		99

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

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