Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118774.D
Acq On : 31 Jan 2020 11:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/3/2020 4:10:09 PM

Quant Time: Jan 31 22:08:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	357863	20.00	ng	-0.03
21) Naphthalene-d8	8.12	136	1345893	20.00	ng	-0.03
39) Acenaphthene-d10	9.87	164	777695	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1428555	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	1025377	20.00	ng	-0.02
87) Perylene-d12	15.44	264	941892	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1543529	80.11	ng	-0.03
7) Phenol-d6	6.47	99	1942259	77.55	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1828540	75.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	780911	86.82	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	3458933	73.10	ng	-0.03
79) Terphenyl-d14	12.94	244	4226892	89.91	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	342345	36.683	ng	99
3) Pyridine	3.31	79	972416	36.968	ng	99
4) n-Nitrosodimethylamine	3.26	42	320092	28.384	ng	95
6) Aniline	6.50	93	1247723	37.836	ng	99
8) 2-Chlorophenol	6.62	128	877521	40.574	ng	97
9) Benzaldehyde	6.38	77	560096	36.774	ng	100
10) Phenol	6.48	94	1066123	37.355	ng	88
11) bis(2-Chloroethyl)ether	6.57	93	835945	39.477	ng	98
12) 1,3-Dichlorobenzene	6.77	146	1029819	40.682	ng	99
13) 1,4-Dichlorobenzene	6.85	146	1028774	40.486	ng	98
14) 1,2-Dichlorobenzene	7.00	146	952017	39.854	ng	99
15) Benzyl Alcohol	6.97	79	777790	39.163	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1045731	35.455	ng	98
17) 2-Methylphenol	7.09	107	730995	40.577	ng	99
18) Hexachloroethane	7.35	117	379827	41.222	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	608088	35.960	ng	99
20) 3+4-Methylphenols	7.24	107	827851	37.638	ng	93
22) Acetophenone	7.25	105	1157893	36.317	ng	97
24) Nitrobenzene	7.42	77	907612	36.838	ng	98
25) Isophorone	7.66	82	1684108	38.373	ng	99
26) 2-Nitrophenol	7.73	139	498227	47.420	ng	96
27) 2,4-Dimethylphenol	7.77	122	668207	36.830	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	1102299	38.979	ng	99
29) 2,4-Dichlorophenol	7.97	162	809769	40.375	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	945313	40.650	ng	99
31) Naphthalene	8.14	128	2502781	41.165	ng	99
32) Benzoic acid	7.90	122	560566	41.169	ng	95
33) 4-Chloroaniline	8.18	127	1139341	40.544	ng	98
34) Hexachlorobutadiene	8.26	225	583378	41.194	ng	98
35) Caprolactam	8.57	113	268059m	40.841	ng	
36) 4-Chloro-3-methylphenol	8.67	107	824825	41.646	ng	99
37) 2-Methylnaphthalene	8.83	142	1775478	41.372	ng	99
38) 1-Methylnaphthalene	8.93	142	1670255	40.966	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	957557	39.351	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	481447	39.215	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	656562	40.661	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	675744	40.976	ng		98
46) 1,1'-Biphenyl	9.29	154	2207111	41.178	ng		98
47) 2-Chloronaphthalene	9.32	162	1821422	40.318	ng		98
48) 2-Nitroaniline	9.41	65	544716	39.224	ng		99
49) Acenaphthylene	9.73	152	2648225	41.668	ng		98
50) Dimethylphthalate	9.60	163	2205711	43.533	ng		99
51) 2,6-Dinitrotoluene	9.66	165	509490	44.905	ng		91
52) Acenaphthene	9.91	154	1761590	41.452	ng		100
53) 3-Nitroaniline	9.82	138	568898	43.912	ng		100
54) 2,4-Dinitrophenol	9.93	184	260192	57.443	ng	#	92
55) Dibenzofuran	10.08	168	2390613	40.592	ng		100
56) 4-Nitrophenol	9.98	139	409105	41.830	ng		100
57) 2,4-Dinitrotoluene	10.06	165	684232	47.838	ng		96
58) Fluorene	10.42	166	1826862	39.513	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	595822	41.077	ng		100
60) Diethylphthalate	10.29	149	2200732	44.798	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	1017737	40.473	ng		94
62) 4-Nitroaniline	10.44	138	572093	43.049	ng		98
63) Azobenzene	10.57	77	1861112	39.118	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	368540	58.669	ng		87
66) n-Nitrosodiphenylamine	10.53	169	1776726	41.241	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	738081	41.819	ng		93
68) Hexachlorobenzene	10.97	284	826112	41.286	ng		98
69) Atrazine	11.06	200	610984	40.917	ng		99
70) Pentachlorophenol	11.16	266	460736	41.414	ng		99
71) Phenanthrene	11.38	178	2792927	40.524	ng		99
72) Anthracene	11.43	178	2841178	41.662	ng		98
73) Carbazole	11.59	167	2588535	41.382	ng		99
74) Di-n-butylphthalate	11.92	149	3298452	47.462	ng		99
75) Fluoranthene	12.57	202	3059909	42.095	ng		99
77) Benzidine	12.68	184	1367682	49.920	ng		99
78) Pyrene	12.80	202	3059005	43.942	ng		99
80) Butylbenzylphthalate	13.42	149	1448736	50.850	ng		99
81) Benzo(a)anthracene	13.99	228	2517313	40.811	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	1073581	48.845	ng		99
83) Chrysene	14.02	228	2488578	42.097	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1827672	52.508	ng		100
85) Di-n-octyl phthalate	14.59	149	2944203	57.145	ng		100
86) Indeno(1,2,3-cd)pyrene	16.90	276	2278623	44.361	ng		100
88) Benzo(b)fluoranthene	15.03	252	2449104	41.367	ng		100
89) Benzo(k)fluoranthene	15.06	252	2258509	41.176	ng		100
90) Benzo(a)pyrene	15.39	252	2071049	40.552	ng		99
91) Dibenzo(a,h)anthracene	16.92	278	1860794	41.190	ng		99
92) Benzo(g,h,i)perylene	17.33	276	1803697	41.121	ng		98

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

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