Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
Data File : BF121901.D
Acq On : 9 Oct 2020 11:48
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/12/2020 11:33:54 AM

Quant Time: Oct 09 14:02:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	121054	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	442458	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	222974	20.00	ng		-0.01
64) Phenanthrene-d10	11.28	188	410665	20.00	ng		-0.01
76) Chrysene-d12	13.92	240	307148	20.00	ng		-0.01
86) Perylene-d12	15.36	264	262537	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	666933	81.88	ng		-0.01
7) Phenol-d6	6.41	99	835540	78.19	ng		0.00
23) Nitrobenzene-d5	7.33	82	701484	85.12	ng		-0.01
42) 2,4,6-Tribromophenol	10.59	330	226397	81.69	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1176319	79.90	ng		-0.01
79) Terphenyl-d14	12.87	244	1335608	88.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	147114	39.312	ng		99
3) Pyridine	3.19	79	391948	37.886	ng		99
4) n-Nitrosodimethylamine	3.15	42	187277	39.027	ng		99
6) Aniline	6.43	93	513132	36.868	ng	#	86
8) 2-Chlorophenol	6.55	128	333394	40.200	ng		95
9) Benzaldehyde	6.31	77	239473	34.278	ng		99
10) Phenol	6.42	94	430424	37.823	ng		86
11) bis(2-Chloroethyl)ether	6.50	93	340033	39.645	ng		99
12) 1,3-Dichlorobenzene	6.70	146	374771	40.486	ng		99
13) 1,4-Dichlorobenzene	6.77	146	374898	40.335	ng		99
14) 1,2-Dichlorobenzene	6.93	146	342927	40.050	ng		98
15) Benzyl Alcohol	6.91	79	271837	37.425	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	525809	38.097	ng		88
17) 2-Methylphenol	7.03	107	281403	39.878	ng		95
18) Hexachloroethane	7.27	117	137845	41.419	ng		95
19) n-Nitroso-di-n-propylamine	7.18	70	234654	38.100	ng		99
20) 3+4-Methylphenols	7.18	107	339361	40.027	ng	#	89
22) Acetophenone	7.17	105	452926	40.346	ng		95
24) Nitrobenzene	7.35	77	372390	41.782	ng		99
25) Isophorone	7.59	82	638329	38.480	ng		99
26) 2-Nitrophenol	7.66	139	176383	42.355	ng		94
27) 2,4-Dimethylphenol	7.70	122	294895	39.825	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	412135	40.132	ng		99
29) 2,4-Dichlorophenol	7.91	162	280408	41.577	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	291432	41.029	ng		100
31) Naphthalene	8.06	128	944063	40.419	ng		99
32) Benzoic acid	7.86	122	140406	28.678	ng		96
33) 4-Chloroaniline	8.12	127	411130	40.607	ng		98
34) Hexachlorobutadiene	8.18	225	176040	42.223	ng		99
35) Caprolactam	8.50	113	86954m	38.716	ng		
36) 4-Chloro-3-methylphenol	8.61	107	296656	40.832	ng		99
37) 2-Methylnaphthalene	8.76	142	611196	39.930	ng		99
38) 1-Methylnaphthalene	8.86	142	558126	39.179	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	291976	41.921	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	132640	33.347	ng		97
43) 2,4,6-Trichlorophenol	9.04	196	181289	38.187	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	195389	38.931	ng		99
46) 1,1'-Biphenyl	9.22	154	729915	40.890	ng		99
47) 2-Chloronaphthalene	9.25	162	569724	40.502	ng		99
48) 2-Nitroaniline	9.35	65	193736	44.321	ng		92
49) Acenaphthylene	9.66	152	861186	39.846	ng		100
50) Dimethylphthalate	9.52	163	665852	41.202	ng		100
51) 2,6-Dinitrotoluene	9.59	165	147332	42.808	ng		89
52) Acenaphthene	9.83	154	511805	37.492	ng		99
53) 3-Nitroaniline	9.76	138	165400	41.485	ng		97
54) 2,4-Dinitrophenol	9.88	184	57090	34.555	ng		96
55) Dibenzofuran	10.00	168	749416	38.983	ng		99
56) 4-Nitrophenol	9.94	139	109646	34.484	ng		93
57) 2,4-Dinitrotoluene	10.00	165	181967	42.026	ng	#	89
58) Fluorene	10.35	166	603238	41.033	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	163215	40.002	ng		96
60) Diethylphthalate	10.22	149	642226	40.760	ng		100
61) 4-Chlorophenyl-phenylether	10.33	204	294720	41.849	ng		96
62) 4-Nitroaniline	10.37	138	167841	42.398	ng		99
63) Azobenzene	10.50	77	677606	40.383	ng		98
65) 4,6-Dinitro-2-methylphenol	10.41	198	103127	41.934	ng		95
66) n-Nitrosodiphenylamine	10.46	169	564037	40.034	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	191238	40.901	ng		96
68) Hexachlorobenzene	10.90	284	216208	40.975	ng	#	90
69) Atrazine	10.99	200	146031	41.719	ng		99
70) Pentachlorophenol	11.10	266	97479	33.639	ng		99
71) Phenanthrene	11.31	178	891102	39.826	ng		100
72) Anthracene	11.36	178	938359	40.640	ng		99
73) Carbazole	11.52	167	841571	40.390	ng		99
74) Di-n-butylphthalate	11.84	149	1007564	41.897	ng		100
75) Fluoranthene	12.49	202	954737	39.973	ng		100
77) Benzidine	12.62	184	379508	37.270	ng		99
78) Pyrene	12.72	202	969974	43.223	ng		99
80) Butylbenzylphthalate	13.34	149	410914	45.275	ng		96
81) Benzo(a)anthracene	13.91	228	808116	41.587	ng		100
82) 3,3'-Dichlorobenzidine	13.87	252	301359	39.725	ng		99
83) Chrysene	13.95	228	799752	40.644	ng		100
84) Bis(2-ethylhexyl)phthalate	13.89	149	568217	46.864	ng		100
85) Di-n-octyl phthalate	14.50	149	902912	42.197	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	688797	40.287	ng		100
88) Benzo(b)fluoranthene	14.94	252	699320	39.845	ng		98
89) Benzo(k)fluoranthene	14.97	252	708415	44.077	ng		99
90) Benzo(a)pyrene	15.30	252	614869	41.214	ng		98
91) Dibenzo(a,h)anthracene	16.79	278	570752	40.103	ng		98
92) Benzo(g,h,i)perylene	17.20	276	573394	40.986	ng		98

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

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