Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121899.D
Acq On : 8 Oct 2020 20:24
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
10/12/2020 11:31:38 AM

Quant Time: Oct 09 00:50:09 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	127999	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	475495	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	248920	20.00	ng		-0.01
64) Phenanthrene-d10	11.29	188	456622	20.00	ng		0.00
76) Chrysene-d12	13.93	240	320184	20.00	ng		0.00
86) Perylene-d12	15.36	264	357217	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	689609	80.07	ng		-0.01
7) Phenol-d6	6.41	99	879602	77.84	ng		0.00
23) Nitrobenzene-d5	7.33	82	737124	83.23	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	258611	83.59	ng		-0.01
45) 2-Fluorobiphenyl	9.12	172	1264437	76.93	ng		-0.01
79) Terphenyl-d14	12.87	244	1407435	89.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	144445	36.504	ng		99
3) Pyridine	3.14	79	412539	37.713	ng		99
4) n-Nitrosodimethylamine	3.10	42	191727	37.786	ng		99
6) Aniline	6.43	93	536155	36.432	ng	#	59
8) 2-Chlorophenol	6.55	128	351549	40.089	ng		97
9) Benzaldehyde	6.31	77	253950	34.378	ng		99
10) Phenol	6.42	94	444203	36.916	ng		85
11) bis(2-Chloroethyl)ether	6.50	93	364859	40.232	ng		99
12) 1,3-Dichlorobenzene	6.70	146	388868	39.730	ng		97
13) 1,4-Dichlorobenzene	6.78	146	390865	39.771	ng		97
14) 1,2-Dichlorobenzene	6.93	146	360310	39.797	ng		99
15) Benzyl Alcohol	6.91	79	302067	39.330	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	562073	38.515	ng		83
17) 2-Methylphenol	7.03	107	293914	39.391	ng		95
18) Hexachloroethane	7.27	117	145241	41.273	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	253407	38.912	ng		99
20) 3+4-Methylphenols	7.18	107	354940	39.593	ng		97
22) Acetophenone	7.17	105	478290	39.646	ng		93
24) Nitrobenzene	7.35	77	391950	40.921	ng		97
25) Isophorone	7.59	82	710414	39.850	ng		98
26) 2-Nitrophenol	7.66	139	190405	42.534	ng		95
27) 2,4-Dimethylphenol	7.71	122	312777	39.305	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	451005	40.865	ng		100
29) 2,4-Dichlorophenol	7.91	162	298520	41.187	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	305962	40.082	ng		99
31) Naphthalene	8.07	128	992446	39.539	ng		99
32) Benzoic acid	7.86	122	173805	31.980	ng		98
33) 4-Chloroaniline	8.12	127	434547	39.938	ng		98
34) Hexachlorobutadiene	8.18	225	188230	42.010	ng		99
35) Caprolactam	8.50	113	100164m	41.499	ng		
36) 4-Chloro-3-methylphenol	8.62	107	321811	41.216	ng		98
37) 2-Methylnaphthalene	8.76	142	655856	39.871	ng		98
38) 1-Methylnaphthalene	8.86	142	609528	39.815	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	316753	40.738	ng		100

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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)
41) Hexachlorocyclopentadiene	8.91	237	112386	25.310	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	207335	39.121	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	222282	39.673	ng		97
46) 1,1'-Biphenyl	9.22	154	792893	39.789	ng		99
47) 2-Chloronaphthalene	9.25	162	618014	39.355	ng		99
48) 2-Nitroaniline	9.35	65	212158	43.476	ng		98
49) Acenaphthylene	9.66	152	940827	38.993	ng		100
50) Dimethylphthalate	9.53	163	751913	41.677	ng		100
51) 2,6-Dinitrotoluene	9.59	165	166840	43.423	ng		96
52) Acenaphthene	9.83	154	558480	36.647	ng		99
53) 3-Nitroaniline	9.76	138	186075	41.806	ng		100
54) 2,4-Dinitrophenol	9.88	184	54936	31.034	ng		97
55) Dibenzofuran	10.00	168	813345	37.898	ng		98
56) 4-Nitrophenol	9.94	139	149050	41.990	ng		87
57) 2,4-Dinitrotoluene	10.00	165	203015	42.000	ng	#	88
58) Fluorene	10.35	166	665546	40.552	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	182867	40.147	ng		95
60) Diethylphthalate	10.22	149	735438	41.810	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	324866	41.321	ng		97
62) 4-Nitroaniline	10.38	138	185787	42.039	ng		98
63) Azobenzene	10.50	77	759768	40.560	ng		99
65) 4,6-Dinitro-2-methylphenol	10.42	198	103276	38.448	ng		95
66) n-Nitrosodiphenylamine	10.46	169	629256	40.168	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	218216	41.974	ng		97
68) Hexachlorobenzene	10.90	284	239206	40.771	ng		98
69) Atrazine	10.99	200	164449	42.253	ng		96
70) Pentachlorophenol	11.10	266	106668	33.105	ng		99
71) Phenanthrene	11.31	178	978182	39.318	ng		99
72) Anthracene	11.36	178	1020930	39.766	ng		99
73) Carbazole	11.52	167	910882	39.316	ng		99
74) Di-n-butylphthalate	11.84	149	1158975	43.343	ng		99
75) Fluoranthene	12.50	202	1011819	38.099	ng		99
77) Benzidine	12.62	184	390614	36.799	ng		100
78) Pyrene	12.73	202	995050	42.535	ng		99
80) Butylbenzylphthalate	13.34	149	453104	47.891	ng		98
81) Benzo(a)anthracene	13.92	228	838392	41.389	ng		99
82) 3,3'-Dichlorobenzidine	13.87	252	329557	41.673	ng		98
83) Chrysene	13.95	228	819188	39.936	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	646244	51.130	ng		99
85) Di-n-octyl phthalate	14.51	149	1045430	46.868	ng		100
87) Indeno(1,2,3-cd)pyrene	16.80	276	1137314	48.889	ng		100
88) Benzo(b)fluoranthene	14.95	252	877795	36.758	ng		99
89) Benzo(k)fluoranthene	14.98	252	865182	39.563	ng		99
90) Benzo(a)pyrene	15.31	252	825329	40.658	ng		100
91) Dibenzo(a,h)anthracene	16.80	278	921300	47.576	ng		100
92) Benzo(g,h,i)perylene	17.23	276	981262	51.550	ng		98

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

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