Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119218.D
Acq On : 5 Mar 2020 17:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/9/2020 8:27:00 AM

Quant Time: Mar 06 06:59:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	136124	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	515894	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	292016	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	541496	20.00	ng		-0.02
76) Chrysene-d12	13.89	240	402787	20.00	ng		-0.02
87) Perylene-d12	15.31	264	375989	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	667401	81.94	ng		-0.02
7) Phenol-d6	6.39	99	794724	80.22	ng		-0.02
23) Nitrobenzene-d5	7.30	82	770430	78.85	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	294372	77.06	ng		-0.02
45) 2-Fluorobiphenyl	9.09	172	1500271	75.69	ng		-0.02
79) Terphenyl-d14	12.83	244	1870544	79.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	133596	36.838	ng		99
3) Pyridine	3.12	79	365268	36.880	ng		99
4) n-Nitrosodimethylamine	3.07	42	123475	41.154	ng		94
6) Aniline	6.39	93	478049	39.109	ng	#	73
8) 2-Chlorophenol	6.52	128	356764	40.586	ng		100
9) Benzaldehyde	6.27	77	225997	34.146	ng		98
10) Phenol	6.40	94	436147	40.721	ng		98
11) bis(2-Chloroethyl)ether	6.46	93	332916	40.624	ng		96
12) 1,3-Dichlorobenzene	6.67	146	422428	40.094	ng		98
13) 1,4-Dichlorobenzene	6.75	146	426902	40.491	ng		98
14) 1,2-Dichlorobenzene	6.90	146	391085	40.673	ng		100
15) Benzyl Alcohol	6.88	79	300987	42.039	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	282644	39.815	ng	#	41
17) 2-Methylphenol	7.00	107	285556	40.067	ng		94
18) Hexachloroethane	7.23	117	151686	40.214	ng		99
19) n-Nitroso-di-n-propylamine	7.15	70	249873	43.288	ng		98
20) 3+4-Methylphenols	7.16	107	380839	43.617	ng	#	87
22) Acetophenone	7.14	105	495181	41.485	ng		95
24) Nitrobenzene	7.32	77	380855	39.417	ng		100
25) Isophorone	7.56	82	667615	39.344	ng		100
26) 2-Nitrophenol	7.63	139	201780	39.414	ng		96
27) 2,4-Dimethylphenol	7.67	122	269114	38.732	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	424587	38.442	ng		100
29) 2,4-Dichlorophenol	7.88	162	319791	39.096	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	368182	37.965	ng		99
31) Naphthalene	8.03	128	1051414	39.298	ng		99
32) Benzoic acid	7.85	122	191331	39.167	ng		99
33) 4-Chloroaniline	8.09	127	445978	38.755	ng		99
34) Hexachlorobutadiene	8.15	225	234173	38.765	ng		100
35) Caprolactam	8.47	113	100758m	40.005	ng		
36) 4-Chloro-3-methylphenol	8.59	107	335990	40.588	ng		99
37) 2-Methylnaphthalene	8.72	142	709022	39.378	ng		99
38) 1-Methylnaphthalene	8.82	142	671264	39.642	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	371000	37.682	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	106006	35.500	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	232919	37.462	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	234680	35.970	ng		99
46) 1,1'-Biphenyl	9.19	154	912431	38.661	ng		98
47) 2-Chloronaphthalene	9.21	162	728519	38.305	ng		99
48) 2-Nitroaniline	9.32	65	213590	40.265	ng		98
49) Acenaphthylene	9.63	152	1055551	38.427	ng		98
50) Dimethylphthalate	9.49	163	869528	38.940	ng		99
51) 2,6-Dinitrotoluene	9.56	165	187957	37.886	ng		89
52) Acenaphthene	9.80	154	642465	38.789	ng		99
53) 3-Nitroaniline	9.73	138	210333	38.243	ng		95
54) 2,4-Dinitrophenol	9.85	184	77993	36.799	ng		94
55) Dibenzofuran	9.97	168	944224	38.193	ng		99
56) 4-Nitrophenol	9.92	139	122882	37.187	ng		98
57) 2,4-Dinitrotoluene	9.97	165	243048	37.796	ng		97
58) Fluorene	10.31	166	769746	40.069	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	208884	37.943	ng		99
60) Diethylphthalate	10.19	149	836440	39.749	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	408129	40.137	ng		93
62) 4-Nitroaniline	10.35	138	201347	35.782	ng		94
63) Azobenzene	10.46	77	732080	40.024	ng		97
65) 4,6-Dinitro-2-methylphenol	10.39	198	132862	40.548	ng		91
66) n-Nitrosodiphenylamine	10.42	169	684829	38.624	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	271068	38.297	ng		99
68) Hexachlorobenzene	10.87	284	312077	38.242	ng		96
69) Atrazine	10.95	200	220654	35.619	ng		98
70) Pentachlorophenol	11.07	266	105917	32.220	ng		99
71) Phenanthrene	11.27	178	1140919	38.635	ng		98
72) Anthracene	11.32	178	1142574	38.724	ng		98
73) Carbazole	11.48	167	1028131	39.113	ng		98
74) Di-n-butylphthalate	11.80	149	1298748	40.799	ng		99
75) Fluoranthene	12.46	202	1212771	38.690	ng		98
77) Benzidine	12.58	184	503525	30.738	ng		99
78) Pyrene	12.69	202	1222070	37.784	ng		99
80) Butylbenzylphthalate	13.30	149	544848	40.026	ng		97
81) Benzo(a)anthracene	13.88	228	1110852	40.476	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	420673	39.474	ng	#	99
83) Chrysene	13.92	228	1048144	38.329	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	741123	43.095	ng		99
85) Di-n-octyl phthalate	14.47	149	1164328	42.493	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	896437	33.855	ng		100
88) Benzo(b)fluoranthene	14.91	252	1040201	41.972	ng		99
89) Benzo(k)fluoranthene	14.93	252	913028	39.754	ng		100
90) Benzo(a)pyrene	15.26	252	869643	38.880	ng		99
91) Dibenzo(a,h)anthracene	16.72	278	744577	37.833	ng		99
92) Benzo(g,h,i)perylene	17.14	276	702251	36.114	ng		99

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

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