Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101419\
Data File : BF117396.D
Acq On : 14 Oct 2019 12:36
Operator : JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
10/16/2019 8:09:56 AM

Quant Time: Oct 14 14:32:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 14:19:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	47665	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	203311	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	103310	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	169782	20.00	ng		0.00
76) Chrysene-d12	13.96	240	127417	20.00	ng		0.00
87) Perylene-d12	15.41	264	111218	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	130028	42.59	ng		0.00
7) Phenol-d6	6.43	99	171403	43.44	ng		0.00
23) Nitrobenzene-d5	7.36	82	166842	43.12	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	35414	41.02	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	300501	45.48	ng		0.00
79) Terphenyl-d14	12.90	244	308271	45.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	26447	20.702	ng		98
3) Pyridine	3.27	79	60601	17.331	ng		98
4) n-Nitrosodimethylamine	3.20	42	19435	16.196	ng		88
6) Aniline	6.46	93	107628	21.187	ng	#	84
8) 2-Chlorophenol	6.58	128	72340	21.964	ng		96
9) Benzaldehyde	6.35	77	48668	22.590	ng		99
10) Phenol	6.45	94	90616	20.833	ng		90
11) bis(2-Chloroethyl)ether	6.52	93	69098	21.614	ng		100
12) 1,3-Dichlorobenzene	6.73	146	78657	21.283	ng		98
13) 1,4-Dichlorobenzene	6.81	146	82719	21.932	ng		97
14) 1,2-Dichlorobenzene	6.96	146	77734	22.136	ng		95
15) Benzyl Alcohol	6.94	79	63950	21.136	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	71606	22.672	ng		88
17) 2-Methylphenol	7.06	107	58745	21.282	ng		97
18) Hexachloroethane	7.30	117	31610	21.785	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	52648	21.913	ng		93
20) 3+4-Methylphenols	7.22	107	78710	22.892	ng	#	88
22) Acetophenone	7.20	105	111565	21.598	ng		95
24) Nitrobenzene	7.37	77	84389	22.084	ng		97
25) Isophorone	7.61	82	144234	21.052	ng		98
26) 2-Nitrophenol	7.70	139	35035	21.345	ng		96
27) 2,4-Dimethylphenol	7.73	122	55150	21.188	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	89533	21.211	ng		98
29) 2,4-Dichlorophenol	7.95	162	56737	20.803	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	62576	21.237	ng		99
31) Naphthalene	8.09	128	209083	21.383	ng		98
32) Benzoic acid	7.86	122	26857	14.671	ng		91
33) 4-Chloroaniline	8.15	127	91114	21.009	ng		98
34) Hexachlorobutadiene	8.21	225	35128	21.013	ng		98
35) Caprolactam	8.51	113	18302	19.826	ng		96
36) 4-Chloro-3-methylphenol	8.64	107	65798	20.691	ng		91
37) 2-Methylnaphthalene	8.79	142	143213	21.750	ng		97
38) 1-Methylnaphthalene	8.89	142	134017	21.732	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	58587	21.961	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	4360	4.345	ng		92
43) 2,4,6-Trichlorophenol	9.07	196	37323	20.616	ng		97
44) 2,4,5-Trichlorophenol	9.13	196	36553	18.898	ng		96
46) 1,1'-Biphenyl	9.25	154	176849	21.823	ng		98
47) 2-Chloronaphthalene	9.27	162	137127	21.441	ng		98
48) 2-Nitroaniline	9.38	65	43601	21.255	ng		93
49) Acenaphthylene	9.69	152	203385	21.228	ng		99
50) Dimethylphthalate	9.55	163	154278	21.091	ng		99
51) 2,6-Dinitrotoluene	9.62	165	32423	21.763	ng		97
52) Acenaphthene	9.86	154	124639	21.946	ng		99
53) 3-Nitroaniline	9.79	138	40472	21.531	ng		90
54) 2,4-Dinitrophenol	9.92	184	10006	18.974	ng		92
55) Dibenzofuran	10.03	168	183708	21.924	ng		96
56) 4-Nitrophenol	9.98	139	12750	10.466	ng		87
57) 2,4-Dinitrotoluene	10.03	165	42248	21.847	ng	#	95
58) Fluorene	10.37	166	151728	22.478	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.16	232	30956m	20.914	ng		
60) Diethylphthalate	10.25	149	158062	21.964	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	66432	22.747	ng		89
62) 4-Nitroaniline	10.40	138	39977	20.451	ng		97
63) Azobenzene	10.53	77	160034	21.773	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	13966	19.599	ng		96
66) n-Nitrosodiphenylamine	10.48	169	131740	22.468	ng		95
67) 4-Bromophenyl-phenylether	10.85	248	37041	21.363	ng		94
68) Hexachlorobenzene	10.93	284	40335	21.269	ng		93
69) Atrazine	11.01	200	33482	23.246	ng		96
70) Pentachlorophenol	11.14	266	11623	13.075	ng		86
71) Phenanthrene	11.34	178	211771	21.960	ng		99
72) Anthracene	11.39	178	214224	21.759	ng		99
73) Carbazole	11.55	167	199040	21.299	ng		100
74) Di-n-butylphthalate	11.87	149	263293	23.680	ng		100
75) Fluoranthene	12.53	202	211821	21.377	ng		98
77) Benzidine	12.65	184	93981	22.897	ng		99
78) Pyrene	12.76	202	217683	20.361	ng		100
80) Butylbenzylphthalate	13.37	149	106768	21.135	ng		96
81) Benzo(a)anthracene	13.95	228	176861	20.776	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	60365	22.005	ng		98
83) Chrysene	13.99	228	182029	21.924	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	154167	23.669	ng		98
85) Di-n-octyl phthalate	14.53	149	247286	24.121	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	114558	18.912	ng		99
88) Benzo(b)fluoranthene	14.99	252	136927	20.325	ng		98
89) Benzo(k)fluoranthene	15.02	252	148170	23.218	ng		99
90) Benzo(a)pyrene	15.35	252	125978	21.310	ng		98
91) Dibenzo(a,h)anthracene	16.86	278	98551	20.926	ng		98
92) Benzo(g,h,i)perylene	17.30	276	88505	18.859	ng		98

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

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