Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116475.D
Acq On : 23 Aug 2019 12:58
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:31 AM

Quant Time: Aug 23 13:43:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 12:15:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	52897	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	312672	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	183369	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	360492	20.00	ng		0.00
76) Chrysene-d12	14.04	240	211321	20.00	ng		0.00
87) Perylene-d12	15.50	264	244107	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	926630	293.26	ng		0.01
7) Phenol-d6	6.53	99	955915	239.78	ng		0.02
23) Nitrobenzene-d5	7.46	82	1269011	234.28	ng		0.02
42) 2,4,6-Tribromophenol	10.71	330	218774	123.06	ng		0.01
45) 2-Fluorobiphenyl	9.25	172	2115649	216.11	ng		0.00
79) Terphenyl-d14	12.99	244	2274808	226.83	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	179070	112.178	ng		95
3) Pyridine	3.44	79	616925	138.350	ng		96
6) Aniline	6.56	93	649588	113.776	ng		92
8) 2-Chlorophenol	6.67	128	478804	137.032	ng		92
10) Phenol	6.54	94	560306	119.349	ng		76
13) 1,4-Dichlorobenzene	6.90	146	293068	72.484	ng		95
14) 1,2-Dichlorobenzene	7.06	146	300361m	80.678	ng		
15) Benzyl Alcohol	7.03	79	418955	138.477	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	567875	120.621	ng		98
17) 2-Methylphenol	7.13	107	322968	109.162	ng	#	93
19) n-Nitroso-di-n-propylamine	7.32	70	389683	157.739	ng		98
20) 3+4-Methylphenols	7.30	107	351983	100.533	ng	#	75
24) Nitrobenzene	7.47	77	638240	109.122	ng		89
25) Isophorone	7.72	82	1377058	132.951	ng		99
27) 2,4-Dimethylphenol	7.82	122	529918	127.755	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	813337	126.691	ng	#	98
29) 2,4-Dichlorophenol	8.03	162	432334	98.715	ng		90
30) 1,2,4-Trichlorobenzene	8.12	180	374640	75.042	ng		100
31) Naphthalene	8.19	128	1397373	94.971	ng		99
32) Benzoic acid	7.94	122	336411m	115.036	ng		
33) 4-Chloroaniline	8.23	127	608020	92.486	ng	#	92
34) Hexachlorobutadiene	8.32	225	206214	71.712	ng		99
35) Caprolactam	8.64	113	175502m	123.899	ng		
36) 4-Chloro-3-methylphenol	8.72	107	565153	124.040	ng		98
37) 2-Methylnaphthalene	8.88	142	1169861	120.726	ng		96
38) 1-Methylnaphthalene	8.98	142	1038609	113.295	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	432029	88.130	ng		98
41) Hexachlorocyclopentadiene	9.04	237	255864	133.530	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	322295	95.516	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	329595	94.495	ng		93
46) 1,1'-Biphenyl	9.35	154	1481680	114.453	ng		98
47) 2-Chloronaphthalene	9.37	162	1171352	108.713	ng		97
48) 2-Nitroaniline	9.46	65	418850	117.607	ng		96
49) Acenaphthylene	9.79	152	1514202	96.327	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Dimethylphthalate	9.65	163	1162252	93.089	ng		100
51) 2,6-Dinitrotoluene	9.70	165	256522	94.543	ng	#	75
52) Acenaphthene	9.96	154	1022068	105.984	ng		99
53) 3-Nitroaniline	9.87	138	294806	87.933	ng		93
55) Dibenzofuran	10.13	168	1385292	98.778	ng		95
56) 4-Nitrophenol	10.03	139	243688	113.465	ng		97
57) 2,4-Dinitrotoluene	10.11	165	345076	95.522	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.25	232	220818	75.250	ng	#	90
60) Diethylphthalate	10.35	149	1028948	88.271	ng		99
62) 4-Nitroaniline	10.50	138	256003	73.888	ng		89
63) Azobenzene	10.62	77	1048183	87.424	ng		90
67) 4-Bromophenyl-phenylether	10.95	248	340610	88.262	ng	#	92
69) Atrazine	11.11	200	258884	72.525	ng		98
70) Pentachlorophenol	11.20	266	232795	107.453	ng		96
71) Phenanthrene	11.43	178	1723296	93.509	ng		99
72) Anthracene	11.48	178	1739567	93.269	ng		98
73) Carbazole	11.63	167	1557404	92.039	ng		100
74) Di-n-butylphthalate	11.96	149	1969643	99.783	ng		98
75) Fluoranthene	12.62	202	1729023	89.617	ng		97
77) Benzidine	12.73	184	700486	98.117	ng	#	94
78) Pyrene	12.85	202	1741903	109.350	ng		99
80) Butylbenzylphthalate	13.46	149	695727	103.249	ng	#	82
81) Benzo(a)anthracene	14.03	228	1254507	92.879	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	438746	93.499	ng		99
83) Chrysene	14.07	228	1284180	97.931	ng		97
84) Bis(2-ethylhexyl)phthalate	14.02	149	970446	110.827	ng		99
85) Di-n-octyl phthalate	14.63	149	1617417	116.291	ng		98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1421518	129.069	ng		99
88) Benzo(b)fluoranthene	15.08	252	1187829	84.156	ng		99
89) Benzo(k)fluoranthene	15.11	252	1128983	82.121	ng		99
90) Benzo(a)pyrene	15.44	252	1283279	101.708	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	1155290	105.780	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1173078	109.367	ng		98

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

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