Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109885.D
Acq On : 15 Oct 2018 18:03
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF101518

Manual Integrations APPROVED
Sohil
10/16/2018 9:57:26 AM

Quant Time: Oct 15 18:30:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 18:09:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	231001	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	956878	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	434498	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	811138	20.00	ng		0.00
76) Chrysene-d12	14.15	240	552034	20.00	ng		0.00
87) Perylene-d12	15.67	264	420457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1146510	78.67	ng		0.00
7) Phenol-d6	6.59	99	1437871	79.46	ng		0.00
23) Nitrobenzene-d5	7.55	82	1231386	86.69	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	325098	86.42	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	2143682	78.72	ng		0.00
79) Terphenyl-d14	13.09	244	2062359	78.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	330566	39.938	ng		92
3) Pyridine	3.60	79	746328	40.445	ng		87
4) n-Nitrosodimethylamine	3.56	42	302347	40.165	ng	#	98
6) Aniline	6.65	93	963043	39.491	ng	#	53
8) 2-Chlorophenol	6.76	128	655733	40.170	ng		99
9) Benzaldehyde	6.53	77	467484	39.754	ng		97
10) Phenol	6.60	94	773313	39.581	ng	#	63
11) bis(2-Chloroethyl)ether	6.71	93	645736	39.529	ng		92
12) 1,3-Dichlorobenzene	6.92	146	715466	39.971	ng		96
13) 1,4-Dichlorobenzene	7.00	146	716733	39.759	ng		98
14) 1,2-Dichlorobenzene	7.15	146	669798	40.349	ng		99
15) Benzyl Alcohol	7.12	79	559538	40.192	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1064386	39.697	ng		67
17) 2-Methylphenol	7.22	107	526168	39.973	ng	#	80
18) Hexachloroethane	7.49	117	261725	41.084	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	452285	38.927	ng		96
20) 3+4-Methylphenols	7.37	107	664862	39.803	ng	#	86
22) Acetophenone	7.39	105	857395	38.637	ng		97
24) Nitrobenzene	7.56	77	662231	42.916	ng		93
25) Isophorone	7.80	82	1091973	39.124	ng		96
26) 2-Nitrophenol	7.87	139	287309	44.906	ng		92
27) 2,4-Dimethylphenol	7.90	122	534600	39.766	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	743360	38.808	ng		99
29) 2,4-Dichlorophenol	8.11	162	526599	40.379	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	586188	40.143	ng		95
31) Naphthalene	8.29	128	1714915	39.083	ng		99
32) Benzoic acid	8.01	122	342187m	40.852	ng		
33) 4-Chloroaniline	8.33	127	762139	38.639	ng		99
34) Hexachlorobutadiene	8.40	225	319535	39.683	ng		99
35) Caprolactam	8.70	113	185386	40.026	ng	#	85
36) 4-Chloro-3-methylphenol	8.80	107	544986	39.612	ng		92
37) 2-Methylnaphthalene	8.97	142	1118848	39.378	ng		98
38) 1-Methylnaphthalene	9.07	142	1073418	38.988	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	536086	40.057	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	273018	42.267	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	354542	42.367	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	365844	42.123	ng		95
46) 1,1'-Biphenyl	9.44	154	1536108	39.680	ng		98
47) 2-Chloronaphthalene	9.47	162	1146506	40.207	ng		97
48) 2-Nitroaniline	9.56	65	332233	45.400	ng		97
49) Acenaphthylene	9.89	152	1655415	39.962	ng		98
50) Dimethylphthalate	9.73	163	1238069	40.241	ng		99
51) 2,6-Dinitrotoluene	9.80	165	267552	45.786	ng		99
52) Acenaphthene	10.06	154	1064408	40.359	ng		98
53) 3-Nitroaniline	9.97	138	317924	44.725	ng		95
54) 2,4-Dinitrophenol	10.07	184	70686	42.652	ng		97
55) Dibenzofuran	10.23	168	1509306	40.128	ng		97
56) 4-Nitrophenol	10.11	139	241548	44.534	ng		93
57) 2,4-Dinitrotoluene	10.20	165	325619	44.483	ng		95
58) Fluorene	10.57	166	1089645	39.798	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	293050	42.574	ng		94
60) Diethylphthalate	10.43	149	1226691	40.369	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	570483	39.999	ng		98
62) 4-Nitroaniline	10.59	138	293339	43.594	ng		91
63) Azobenzene	10.72	77	1251449	39.422	ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	122634	42.765	ng		80
66) n-Nitrosodiphenylamine	10.68	169	1057660	39.150	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	348708	39.668	ng		93
68) Hexachlorobenzene	11.12	284	373696	39.865	ng	#	94
69) Atrazine	11.20	200	331219	39.250	ng		98
70) Pentachlorophenol	11.30	266	236868	44.400	ng		98
71) Phenanthrene	11.53	178	1629596	38.806	ng		98
72) Anthracene	11.59	178	1655952	39.223	ng		100
73) Carbazole	11.74	167	1605866	38.703	ng		99
74) Di-n-butylphthalate	12.06	149	1812400	39.140	ng		99
75) Fluoranthene	12.73	202	1630615	38.870	ng		100
77) Benzidine	12.84	184	728217	34.405	ng		97
78) Pyrene	12.96	202	1652491	40.757	ng		100
80) Butylbenzylphthalate	13.56	149	691966	42.214	ng		98
81) Benzo(a)anthracene	14.14	228	1282873	39.453	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	464687	40.764	ng		99
83) Chrysene	14.18	228	1215603	39.276	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	891204	41.318	ng		96
85) Di-n-octyl phthalate	14.74	149	1262177	41.507	ng		97
86) Indeno(1,2,3-cd)pyrene	17.22	276	980122	39.331	ng	#	94
88) Benzo(b)fluoranthene	15.22	252	1009437	41.643	ng		97
89) Benzo(k)fluoranthene	15.24	252	924303	38.686	ng	#	95
90) Benzo(a)pyrene	15.60	252	887419	39.805	ng	#	97
91) Dibenzo(a,h)anthracene	17.24	278	806858	40.838	ng		97
92) Benzo(g,h,i)perylene	17.70	276	826480	41.402	ng	#	94

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

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