Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
Data File : BF117781.D
Acq On : 13 Nov 2019 17:45
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
11/14/2019 2:08:24 PM

Quant Time: Nov 13 18:35:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 16:36:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	285152	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	990167	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	503282	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	953323	20.00	ng	0.00
76) Chrysene-d12	14.12	240	512034	20.00	ng	0.00
87) Perylene-d12	15.63	264	492826	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	7.50	82	3094370	184.50	ng	0.01
42) 2,4,6-Tribromophenol	10.78	330	978148	198.68	ng	0.01
45) 2-Fluorobiphenyl	9.30	172	4715730	184.87	ng	0.01
79) Terphenyl-d14	13.07	244	4838267	194.52	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	655983	83.575	ng	99
3) Pyridine	3.50	79	1791988	83.001	ng	98
4) n-Nitrosodimethylamine	3.48	42	788777	82.904	ng	99
6) Aniline	6.60	93	2214429	81.234	ng	99
8) 2-Chlorophenol	6.72	128	1437646	82.038	ng	99
9) Benzaldehyde	6.48	77	817284	60.472	ng	98
10) Phenol	6.57	94	1668640	79.725	ng	88
11) bis(2-Chloroethyl)ether	6.67	93	1372421	79.408	ng	99
12) 1,3-Dichlorobenzene	6.87	146	1690004	83.196	ng	97
13) 1,4-Dichlorobenzene	6.95	146	1697142	83.463	ng	99
15) Benzyl Alcohol	7.07	79	1278077	82.524	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	2041927	74.723	ng	97
17) 2-Methylphenol	7.17	107	1285629	85.419	ng	98
18) Hexachloroethane	7.45	117	649790	86.451	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	1032179	80.818	ng	99
22) Acetophenone	7.35	105	1943401	85.875	ng	98
24) Nitrobenzene	7.52	77	1561944	89.187	ng	99
25) Isophorone	7.76	82	2916028	90.906	ng	99
26) 2-Nitrophenol	7.83	139	834684	102.662	ng	97
27) 2,4-Dimethylphenol	7.87	122	1227884	89.566	ng	100
28) bis(2-Chloroethoxy)methane	7.96	93	1757335	85.344	ng	100
29) 2,4-Dichlorophenol	8.07	162	1283965	90.907	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	1445425	89.396	ng	98
31) Naphthalene	8.25	128	3833934	84.712	ng	97
32) Benzoic acid	8.03	122	1181230	108.849	ng	99
33) 4-Chloroaniline	8.29	127	1900251	90.359	ng	98
34) Hexachlorobutadiene	8.36	225	855928	92.441	ng	100
35) Caprolactam	8.69	113	431186m	92.107	ng	
36) 4-Chloro-3-methylphenol	8.77	107	1341372	94.116	ng	100
37) 2-Methylnaphthalene	8.93	142	2646107	85.881	ng	98
38) 1-Methylnaphthalene	9.03	142	2513872	85.916	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	1290968	93.762	ng	99
41) Hexachlorocyclopentadiene	9.09	237	797435	107.357	ng	98
43) 2,4,6-Trichlorophenol	9.21	196	995592	99.283	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.25	196	1011749	99.538	ng		98
46) 1,1'-Biphenyl	9.40	154	3111442	88.273	ng		96
47) 2-Chloronaphthalene	9.43	162	2703999	92.442	ng		96
48) 2-Nitroaniline	9.52	65	908096	99.067	ng		98
49) Acenaphthylene	9.85	152	3752373	88.087	ng		95
50) Dimethylphthalate	9.71	163	3227040	94.847	ng		99
51) 2,6-Dinitrotoluene	9.77	165	743890	97.641	ng		92
52) Acenaphthene	10.02	154	2531429	92.093	ng		98
53) 3-Nitroaniline	9.94	138	894733	97.343	ng		99
54) 2,4-Dinitrophenol	10.04	184	410290	157.084	ng	#	90
55) Dibenzofuran	10.19	168	3319176	86.294	ng		95
56) 4-Nitrophenol	10.09	139	672895	97.345	ng		96
57) 2,4-Dinitrotoluene	10.17	165	966116	98.854	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.30	232	829234	98.140	ng		98
60) Diethylphthalate	10.40	149	3058571	91.409	ng		97
61) 4-Chlorophenyl-phenylether	10.52	204	1309294	88.724	ng		94
62) 4-Nitroaniline	10.56	138	926441	102.406	ng		98
63) Azobenzene	10.69	77	2716595	85.719	ng		94
65) 4,6-Dinitro-2-methylphenol	10.59	198	503019	132.141	ng		93
66) n-Nitrosodiphenylamine	10.65	169	2446005	86.872	ng		99
67) 4-Bromophenyl-phenylether	11.02	248	907294	87.144	ng		94
68) Hexachlorobenzene	11.09	284	1067777	88.779	ng		95
69) Atrazine	11.17	200	799824	86.203	ng		99
70) Pentachlorophenol	11.27	266	664464	98.826	ng		98
73) Carbazole	11.70	167	3510223	84.465	ng		96
75) Fluoranthene	12.69	202	3843470	82.375	ng		95
78) Pyrene	12.92	202	3823017	102.280	ng		96
80) Butylbenzylphthalate	13.53	149	1740148	100.791	ng		92
81) Benzo(a)anthracene	14.11	228	3068127	96.264	ng		97
82) 3,3'-Dichlorobenzidine	14.07	252	1029652	86.500	ng		97
83) Chrysene	14.15	228	2960765	94.067	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	2038907	91.551	ng		99
85) Di-n-octyl phthalate	14.72	149	3018530	86.132	ng		99
86) Indeno(1,2,3-cd)pyrene	17.17	276	3171154	108.248	ng		99
88) Benzo(b)fluoranthene	15.19	252	2905705	93.615	ng		99
89) Benzo(k)fluoranthene	15.22	252	2691233	97.215	ng		98
90) Benzo(a)pyrene	15.57	252	2630231	97.753	ng		99
91) Dibenzo(a,h)anthracene	17.20	278	2490096	103.187	ng		100
92) Benzo(g,h,i)perylene	17.64	276	2561257	109.517	ng		98

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

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