Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117483.D
Acq On : 23 Oct 2019 15:10
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/24/2019 2:10:47 PM

Quant Time: Oct 24 08:28:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	44938	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	191055	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	97399	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	150559	20.00	ng		0.00
76) Chrysene-d12	13.89	240	108308	20.00	ng		0.00
87) Perylene-d12	15.32	264	95552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	258310	85.52	ng		0.00
7) Phenol-d6	6.39	99	338687	83.48	ng		0.00
23) Nitrobenzene-d5	7.30	82	320018	82.69	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	69657	82.65	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	566153	81.90	ng		0.00
79) Terphenyl-d14	12.83	244	527619	79.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	54151	42.639	ng		97
3) Pyridine	3.12	79	121683	39.140	ng		99
4) n-Nitrosodimethylamine	3.07	42	46459	41.192	ng		100
6) Aniline	6.40	93	199858	41.961	ng	#	54
8) 2-Chlorophenol	6.53	128	133056	41.744	ng		94
9) Benzaldehyde	6.29	77	86739	45.533	ng		98
10) Phenol	6.40	94	171841	41.500	ng		98
11) bis(2-Chloroethyl)ether	6.47	93	131136	42.816	ng		99
12) 1,3-Dichlorobenzene	6.67	146	147051	41.342	ng		99
13) 1,4-Dichlorobenzene	6.75	146	154014	42.683	ng		99
14) 1,2-Dichlorobenzene	6.90	146	140033	41.171	ng		99
15) Benzyl Alcohol	6.89	79	120693	41.639	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	138863	42.029	ng		77
17) 2-Methylphenol	7.00	107	107261	40.907	ng		95
18) Hexachloroethane	7.24	117	59962	42.575	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	102558	41.392	ng		98
20) 3+4-Methylphenols	7.16	107	145957	42.456	ng		96
22) Acetophenone	7.15	105	211254	41.641	ng		97
24) Nitrobenzene	7.32	77	148417	40.040	ng		100
25) Isophorone	7.56	82	273399	40.837	ng		99
26) 2-Nitrophenol	7.64	139	67731	40.970	ng		96
27) 2,4-Dimethylphenol	7.68	122	100018	40.482	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	170906	41.371	ng		97
29) 2,4-Dichlorophenol	7.89	162	108721	41.954	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	112872	40.588	ng		99
31) Naphthalene	8.04	128	395038	41.715	ng		99
32) Benzoic acid	7.84	122	65874m	38.927	ng		
33) 4-Chloroaniline	8.09	127	165932	41.518	ng		98
34) Hexachlorobutadiene	8.16	225	66258	41.164	ng		99
35) Caprolactam	8.47	113	34927	41.956	ng		95
36) 4-Chloro-3-methylphenol	8.59	107	120984	40.936	ng		96
37) 2-Methylnaphthalene	8.73	142	257658	40.378	ng		99
38) 1-Methylnaphthalene	8.83	142	245799	40.993	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	108621	41.406	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	15509	33.879	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	67453	41.060	ng	97
44) 2,4,5-Trichlorophenol	9.06	196	68543	41.175	ng	95
46) 1,1'-Biphenyl	9.19	154	330465	40.984	ng	98
47) 2-Chloronaphthalene	9.22	162	250429	41.192	ng	100
48) 2-Nitroaniline	9.32	65	83644	41.910	ng	94
49) Acenaphthylene	9.63	152	368283	41.241	ng	99
50) Dimethylphthalate	9.49	163	285773	41.157	ng	99
51) 2,6-Dinitrotoluene	9.56	165	59803	41.274	ng	98
52) Acenaphthene	9.80	154	221142	40.364	ng	99
53) 3-Nitroaniline	9.73	138	70881	40.318	ng	97
54) 2,4-Dinitrophenol	9.86	184	22220	39.486	ng	89
55) Dibenzofuran	9.97	168	324386	40.867	ng	99
56) 4-Nitrophenol	9.92	139	26390	35.057	ng	96
57) 2,4-Dinitrotoluene	9.97	165	79608	41.325	ng	99
58) Fluorene	10.32	166	268009	40.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	52130	39.843	ng	97
60) Diethylphthalate	10.19	149	290766	41.401	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	122042	41.440	ng	96
62) 4-Nitroaniline	10.35	138	68432	41.297	ng	96
63) Azobenzene	10.47	77	301379	41.919	ng	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	29607	38.678	ng	89
66) n-Nitrosodiphenylamine	10.43	169	230748	41.923	ng	96
67) 4-Bromophenyl-phenylether	10.79	248	66502	41.008	ng	99
68) Hexachlorobenzene	10.87	284	71018	40.891	ng	96
69) Atrazine	10.95	200	55308	39.495	ng	97
70) Pentachlorophenol	11.07	266	22143	42.530	ng	91
71) Phenanthrene	11.27	178	362193	41.429	ng	99
72) Anthracene	11.33	178	373188	41.603	ng	99
73) Carbazole	11.49	167	343880	41.948	ng	99
74) Di-n-butylphthalate	11.81	149	468276	42.751	ng	99
75) Fluoranthene	12.46	202	364022	41.594	ng	99
77) Benzidine	12.59	184	144803	50.973	ng	98
78) Pyrene	12.69	202	370475	39.823	ng	99
80) Butylbenzylphthalate	13.30	149	190853	41.226	ng	98
81) Benzo(a)anthracene	13.89	228	299224	40.957	ng	98
82) 3,3'-Dichlorobenzidine	13.85	252	98504	42.968	ng	100
83) Chrysene	13.92	228	282227	39.416	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	269065	41.491	ng	95
85) Di-n-octyl phthalate	14.47	149	425892	42.715	ng	100
86) Indeno(1,2,3-cd)pyrene	16.73	276	219449	41.051	ng	99
88) Benzo(b)fluoranthene	14.92	252	236890	41.983	ng	97
89) Benzo(k)fluoranthene	14.94	252	241247	41.715	ng	97
90) Benzo(a)pyrene	15.27	252	213043	41.528	ng	98
91) Dibenzo(a,h)anthracene	16.73	278	183745	41.422	ng	99
92) Benzo(g,h,i)perylene	17.15	276	172403	41.076	ng	98

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

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