Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118334.D
Acq On : 27 Dec 2019 13:00
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/29/2019 5:27:30 PM

Quant Time: Dec 28 00:52:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	182588	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	704882	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	373548	20.00	ng	0.01
64) Phenanthrene-d10	11.40	188	678584	20.00	ng	0.00
76) Chrysene-d12	14.06	240	469391	20.00	ng	0.00
87) Perylene-d12	15.54	264	397140	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	806170	75.37	ng	0.00
7) Phenol-d6	6.50	99	991095	74.69	ng	0.01
23) Nitrobenzene-d5	7.43	82	925929	75.13	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	342963	74.35	ng	0.01
45) 2-Fluorobiphenyl	9.23	172	1855654	75.83	ng	0.00
79) Terphenyl-d14	12.99	244	2138313	75.58	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	156854	36.888	ng	99
3) Pyridine	3.36	79	426533	37.649	ng	98
4) n-Nitrosodimethylamine	3.32	42	174102	37.170	ng	98
6) Aniline	6.52	93	627081	37.216	ng	98
8) 2-Chlorophenol	6.65	128	452214	37.328	ng	98
9) Benzaldehyde	6.41	77	272143	34.982	ng	97
10) Phenol	6.51	94	553911	37.140	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	406953	38.154	ng	98
12) 1,3-Dichlorobenzene	6.80	146	526837	37.760	ng	98
13) 1,4-Dichlorobenzene	6.87	146	536470	37.855	ng	99
14) 1,2-Dichlorobenzene	7.03	146	503144	37.605	ng	100
15) Benzyl Alcohol	7.00	79	378844	37.498	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	440060	38.664	ng	96
17) 2-Methylphenol	7.12	107	357400	36.782	ng	99
18) Hexachloroethane	7.37	117	193814	37.264	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	301584	36.894	ng	98
20) 3+4-Methylphenols	7.27	107	464089	37.319	ng	97
22) Acetophenone	7.27	105	643514	37.249	ng	97
24) Nitrobenzene	7.45	77	459172	37.193	ng	100
25) Isophorone	7.69	82	803285	37.400	ng	100
26) 2-Nitrophenol	7.76	139	252162	38.562	ng	98
27) 2,4-Dimethylphenol	7.80	122	332717	37.293	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	537423	38.259	ng	99
29) 2,4-Dichlorophenol	8.01	162	392039	38.177	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	454185	37.968	ng	98
31) Naphthalene	8.17	128	1351452	37.722	ng	99
32) Benzoic acid	7.94	122	238034	33.535	ng	99
33) 4-Chloroaniline	8.22	127	573009	37.308	ng	99
34) Hexachlorobutadiene	8.28	225	273368	38.391	ng	99
35) Caprolactam	8.60	113	116746	36.415	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	403543	36.602	ng	98
37) 2-Methylnaphthalene	8.86	142	913260	37.232	ng	99
38) 1-Methylnaphthalene	8.96	142	860513	37.236	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	425568	37.918	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	157644	38.626	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	280382	37.394	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	287467	37.269	ng		97
46) 1,1'-Biphenyl	9.33	154	1123793	38.036	ng		99
47) 2-Chloronaphthalene	9.36	162	892774	37.544	ng		97
48) 2-Nitroaniline	9.45	65	252174	37.545	ng		98
49) Acenaphthylene	9.77	152	1321673	37.476	ng		99
50) Dimethylphthalate	9.63	163	1049956	37.445	ng		99
51) 2,6-Dinitrotoluene	9.70	165	226463	37.462	ng	#	86
52) Acenaphthene	9.95	154	805788	37.511	ng		99
53) 3-Nitroaniline	9.87	138	263988	37.206	ng		95
54) 2,4-Dinitrophenol	9.98	184	93377m	33.834	ng		
55) Dibenzofuran	10.12	168	1185571	37.352	ng		98
56) 4-Nitrophenol	10.04	139	153125	34.959	ng		88
57) 2,4-Dinitrotoluene	10.10	165	302095	37.399	ng		91
58) Fluorene	10.46	166	947277	36.970	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	232909	35.538	ng		98
60) Diethylphthalate	10.33	149	1047890	37.775	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	483352	37.788	ng		97
62) 4-Nitroaniline	10.49	138	271424	36.824	ng		98
63) Azobenzene	10.61	77	897566	37.775	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	131366	35.885	ng		98
66) n-Nitrosodiphenylamine	10.57	169	834750	38.382	ng		98
67) 4-Bromophenyl-phenylether	10.94	248	307044	38.664	ng		97
68) Hexachlorobenzene	11.02	284	354727	37.948	ng		92
69) Atrazine	11.10	200	254493	37.915	ng		95
70) Pentachlorophenol	11.21	266	142527	35.206	ng		99
71) Phenanthrene	11.43	178	1390003	37.575	ng		100
72) Anthracene	11.48	178	1411784	38.128	ng		100
73) Carbazole	11.63	167	1239565	37.727	ng		99
74) Di-n-butylphthalate	11.96	149	1670229	40.092	ng		100
75) Fluoranthene	12.62	202	1419815	38.030	ng		97
77) Benzidine	12.74	184	613818	47.725	ng		99
78) Pyrene	12.85	202	1413824	36.885	ng		98
80) Butylbenzylphthalate	13.46	149	709006	41.081	ng		98
81) Benzo(a)anthracene	14.04	228	1227988	37.375	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	446416	40.073	ng		99
83) Chrysene	14.09	228	1160956	36.902	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	985251	43.414	ng		99
85) Di-n-octyl phthalate	14.64	149	1493577	44.742	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	919536	34.303	ng		100
88) Benzo(b)fluoranthene	15.11	252	1044410	39.618	ng		97
89) Benzo(k)fluoranthene	15.14	252	949812	37.524	ng		99
90) Benzo(a)pyrene	15.49	252	878429	37.826	ng		98
91) Dibenzo(a,h)anthracene	17.08	278	760872	37.756	ng		97
92) Benzo(g,h,i)perylene	17.52	276	718244	36.895	ng		98

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

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