Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
Data File : BF117533.D
Acq On : 25 Oct 2019 13:56
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
10/29/2019 3:33:05 PM

Quant Time: Oct 26 00:57:54 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	40701	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	174713	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	89982	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	138961	20.00	ng		0.00
76) Chrysene-d12	13.89	240	91014	20.00	ng		0.00
87) Perylene-d12	15.33	264	79849	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	242918	88.79	ng		0.00
7) Phenol-d6	6.39	99	319035	86.82	ng		0.00
23) Nitrobenzene-d5	7.30	82	301148	85.09	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	60380	77.55	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	508231	79.58	ng		0.00
79) Terphenyl-d14	12.83	244	464463	83.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	50105	43.560	ng		100
3) Pyridine	3.12	79	125550	44.588	ng		98
4) n-Nitrosodimethylamine	3.07	42	42860	41.957	ng		97
6) Aniline	6.40	93	185942	43.103	ng	#	64
8) 2-Chlorophenol	6.52	128	126388	43.780	ng		97
9) Benzaldehyde	6.29	77	82001	48.336	ng		97
10) Phenol	6.40	94	163517	43.600	ng		98
11) bis(2-Chloroethyl)ether	6.47	93	116672	42.059	ng		99
12) 1,3-Dichlorobenzene	6.67	146	136376	42.332	ng		99
13) 1,4-Dichlorobenzene	6.75	146	142435	43.583	ng		97
14) 1,2-Dichlorobenzene	6.90	146	132798	43.108	ng		100
15) Benzyl Alcohol	6.89	79	112499	42.853	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	127932	42.751	ng	#	47
17) 2-Methylphenol	7.00	107	99830	42.036	ng		91
18) Hexachloroethane	7.23	117	53575	42.000	ng		91
19) n-Nitroso-di-n-propylamine	7.15	70	94491	42.106	ng		99
20) 3+4-Methylphenols	7.16	107	134054	43.053	ng	#	69
22) Acetophenone	7.15	105	193688	41.749	ng		96
24) Nitrobenzene	7.32	77	144103	42.513	ng		97
25) Isophorone	7.56	82	253601	41.423	ng		98
26) 2-Nitrophenol	7.63	139	63583	42.058	ng		97
27) 2,4-Dimethylphenol	7.68	122	96482	42.704	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	154583	40.920	ng		98
29) 2,4-Dichlorophenol	7.89	162	98304	41.483	ng		96
30) 1,2,4-Trichlorobenzene	7.96	180	104094	40.933	ng		100
31) Naphthalene	8.03	128	361085	41.696	ng		99
32) Benzoic acid	7.82	122	33090	21.383	ng		92
33) 4-Chloroaniline	8.09	127	153717	42.059	ng		96
34) Hexachlorobutadiene	8.15	225	59163	40.194	ng		96
35) Caprolactam	8.46	113	32953	43.287	ng		92
36) 4-Chloro-3-methylphenol	8.59	107	113409	41.962	ng		98
37) 2-Methylnaphthalene	8.73	142	238750	40.915	ng		97
38) 1-Methylnaphthalene	8.82	142	226615	41.328	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	99028	40.861	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	23733	46.829	ng		93
43) 2,4,6-Trichlorophenol	9.02	196	61508	40.527	ng		94
44) 2,4,5-Trichlorophenol	9.06	196	63087	41.021	ng		93
46) 1,1'-Biphenyl	9.19	154	302151	40.561	ng		99
47) 2-Chloronaphthalene	9.22	162	231234	41.169	ng		98
48) 2-Nitroaniline	9.32	65	78427	42.535	ng		88
49) Acenaphthylene	9.63	152	340239	41.241	ng		99
50) Dimethylphthalate	9.49	163	256023	39.912	ng		100
51) 2,6-Dinitrotoluene	9.56	165	54749	40.900	ng	#	81
52) Acenaphthene	9.80	154	206930	40.883	ng		98
53) 3-Nitroaniline	9.73	138	69456	42.764	ng		92
54) 2,4-Dinitrophenol	9.86	184	22932	43.583	ng		97
55) Dibenzofuran	9.97	168	300816	41.021	ng		97
56) 4-Nitrophenol	9.93	139	24656	35.407	ng		98
57) 2,4-Dinitrotoluene	9.97	165	74435	41.824	ng	#	88
58) Fluorene	10.32	166	248850	41.036	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	44955	37.192	ng		98
60) Diethylphthalate	10.19	149	259204	39.950	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	108952	40.045	ng		93
62) 4-Nitroaniline	10.35	138	68538	44.771	ng		99
63) Azobenzene	10.46	77	275323	41.452	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	26114	36.962	ng		91
66) n-Nitrosodiphenylamine	10.42	169	211487	41.630	ng		96
67) 4-Bromophenyl-phenylether	10.79	248	61298	40.954	ng	#	87
68) Hexachlorobenzene	10.87	284	66369	41.404	ng	#	91
69) Atrazine	10.95	200	47152	36.481	ng		96
70) Pentachlorophenol	11.07	266	18114m	37.695	ng		
71) Phenanthrene	11.27	178	341775	42.357	ng		99
72) Anthracene	11.33	178	348179	42.055	ng		100
73) Carbazole	11.49	167	321714	42.520	ng		99
74) Di-n-butylphthalate	11.80	149	408188	40.376	ng		100
75) Fluoranthene	12.46	202	337346	41.763	ng		99
77) Benzidine	12.59	184	115368	46.763	ng		98
78) Pyrene	12.69	202	341433	43.675	ng		100
80) Butylbenzylphthalate	13.30	149	163452	42.016	ng		99
81) Benzo(a)anthracene	13.89	228	255762	41.660	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	84366	43.793	ng	#	97
83) Chrysene	13.92	228	250785	41.680	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	214138	39.295	ng		96
85) Di-n-octyl phthalate	14.47	149	325264	38.821	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	184806	41.139	ng		98
88) Benzo(b)fluoranthene	14.93	252	202454	42.937	ng		97
89) Benzo(k)fluoranthene	14.95	252	193760	40.093	ng		97
90) Benzo(a)pyrene	15.27	252	177975	41.514	ng		96
91) Dibenzo(a,h)anthracene	16.75	278	156163	42.127	ng		99
92) Benzo(g,h,i)perylene	17.17	276	152395	43.450	ng		98

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

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