Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
Data File : BF117438.D
Acq On : 17 Oct 2019 22:46
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
10/20/2019 8:11:55 PM

Quant Time: Oct 18 05:35:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	36733	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	160516	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	84343	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	148739	20.00	ng		0.00
76) Chrysene-d12	13.96	240	128787	20.00	ng		0.00
87) Perylene-d12	15.41	264	129420	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	192974	80.83	ng		0.00
7) Phenol-d6	6.43	99	263721	83.26	ng		0.00
23) Nitrobenzene-d5	7.36	82	260328	82.21	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	60816	88.60	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	470306	81.29	ng		0.00
79) Terphenyl-d14	12.90	244	551304	69.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	40492	41.200	ng		97
3) Pyridine	3.21	79	111767m	44.685	ng		
4) n-Nitrosodimethylamine	3.15	42	37561m	42.615	ng		
6) Aniline	6.46	93	164711	41.625	ng	#	87
8) 2-Chlorophenol	6.58	128	110518	41.638	ng		97
9) Benzaldehyde	6.35	77	70667	47.611	ng		98
10) Phenol	6.45	94	141053	41.247	ng		83
11) bis(2-Chloroethyl)ether	6.53	93	108749	41.827	ng		97
12) 1,3-Dichlorobenzene	6.73	146	123073	41.463	ng		97
13) 1,4-Dichlorobenzene	6.81	146	127395	42.104	ng		96
14) 1,2-Dichlorobenzene	6.96	146	118367	41.417	ng		96
15) Benzyl Alcohol	6.95	79	101763	41.991	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	114172	41.820	ng		79
17) 2-Methylphenol	7.06	107	90677	40.923	ng		96
18) Hexachloroethane	7.30	117	47547	40.417	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	83694	41.439	ng		98
20) 3+4-Methylphenols	7.22	107	117293	41.111	ng		94
22) Acetophenone	7.20	105	173485	41.188	ng		95
24) Nitrobenzene	7.37	77	130729	41.213	ng		99
25) Isophorone	7.62	82	237501	42.104	ng		99
26) 2-Nitrophenol	7.70	139	58196	41.351	ng		100
27) 2,4-Dimethylphenol	7.73	122	87039	40.693	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	142049	40.621	ng		99
29) 2,4-Dichlorophenol	7.95	162	90023	40.790	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	97353	40.918	ng		99
31) Naphthalene	8.09	128	327648	40.873	ng		99
32) Benzoic acid	7.88	122	47053	34.798	ng		85
33) 4-Chloroaniline	8.15	127	144436	42.427	ng		98
34) Hexachlorobutadiene	8.21	225	56775	41.665	ng		97
35) Caprolactam	8.53	113	30938	44.763	ng		96
36) 4-Chloro-3-methylphenol	8.64	107	105963	42.194	ng		95
37) 2-Methylnaphthalene	8.79	142	223794	41.343	ng		96
38) 1-Methylnaphthalene	8.89	142	209263	41.031	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	91442	40.284	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	8922	21.048	ng		92
43) 2,4,6-Trichlorophenol	9.07	196	58505	40.726	ng		93
44) 2,4,5-Trichlorophenol	9.13	196	60265	41.128	ng		95
46) 1,1'-Biphenyl	9.25	154	282030	40.931	ng		99
47) 2-Chloronaphthalene	9.27	162	216222	40.255	ng		98
48) 2-Nitroaniline	9.38	65	73538	42.910	ng		96
49) Acenaphthylene	9.69	152	331508	42.101	ng		100
50) Dimethylphthalate	9.55	163	257365	42.488	ng		99
51) 2,6-Dinitrotoluene	9.62	165	54733	42.989	ng		91
52) Acenaphthene	9.86	154	197320	41.240	ng		99
53) 3-Nitroaniline	9.79	138	66295	42.640	ng		91
54) 2,4-Dinitrophenol	9.93	184	18650	36.907	ng		97
55) Dibenzofuran	10.03	168	291132	41.712	ng		98
56) 4-Nitrophenol	9.98	139	22419	35.093	ng		88
57) 2,4-Dinitrotoluene	10.03	165	75597	44.999	ng		96
58) Fluorene	10.37	166	244521	42.075	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	45790	40.422	ng		91
60) Diethylphthalate	10.25	149	269715	44.174	ng		99
61) 4-Chlorophenyl-phenylether	10.36	204	108935	42.338	ng		93
62) 4-Nitroaniline	10.41	138	70527	47.720	ng		99
63) Azobenzene	10.52	77	266637	42.560	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	27280	35.825	ng		97
66) n-Nitrosodiphenylamine	10.49	169	215608	38.803	ng		97
67) 4-Bromophenyl-phenylether	10.85	248	63088	38.671	ng		94
68) Hexachlorobenzene	10.93	284	68018	38.822	ng	#	91
69) Atrazine	11.01	200	43617	48.410	ng		98
70) Pentachlorophenol	11.14	266	17647	33.668	ng		93
71) Phenanthrene	11.34	178	356844	40.585	ng		99
72) Anthracene	11.39	178	369463	40.705	ng		99
73) Carbazole	11.55	167	354132	42.951	ng		98
74) Di-n-butylphthalate	11.87	149	473409	42.403	ng		99
75) Fluoranthene	12.53	202	390700	44.687	ng		98
77) Benzidine	12.65	184	146708	46.059	ng		99
78) Pyrene	12.76	202	401597	35.277	ng		98
80) Butylbenzylphthalate	13.36	149	218080	38.096	ng		96
81) Benzo(a)anthracene	13.95	228	351033	39.725	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	117927	42.209	ng		99
83) Chrysene	13.99	228	347558	39.884	ng		98
84) Bis(2-ethylhexyl)phthalate	13.92	149	315369	39.073	ng		96
85) Di-n-octyl phthalate	14.53	149	536333	43.647	ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	294059	48.260	ng		99
88) Benzo(b)fluoranthene	14.99	252	327663	40.668	ng		98
89) Benzo(k)fluoranthene	15.02	252	289498	36.155	ng		98
90) Benzo(a)pyrene	15.36	252	287279	40.266	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	248246	40.606	ng		98
92) Benzo(g,h,i)perylene	17.30	276	223152	38.346	ng		98

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

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