Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117604.D
Acq On : 29 Oct 2019 22:06
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/30/2019 4:53:20 PM

Quant Time: Oct 30 13:26:26 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	33802	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	126495	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	53699	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	83833	20.00	ng		0.00
76) Chrysene-d12	13.90	240	59614	20.00	ng		0.00
87) Perylene-d12	15.33	264	45800	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	202218	89.00	ng		0.00
7) Phenol-d6	6.39	99	255667	83.78	ng		0.00
23) Nitrobenzene-d5	7.30	82	226147	88.26	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	35796	77.04	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	345799	90.73	ng		0.00
79) Terphenyl-d14	12.83	244	306180	83.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	41591	43.538	ng		97
3) Pyridine	3.09	79	94926	40.593	ng		95
4) n-Nitrosodimethylamine	3.05	42	35352	41.670	ng		99
6) Aniline	6.40	93	151784	42.366	ng	#	80
8) 2-Chlorophenol	6.53	128	100242	41.810	ng		97
9) Benzaldehyde	6.29	77	71839	52.163	ng		97
10) Phenol	6.40	94	123560	39.671	ng		88
11) bis(2-Chloroethyl)ether	6.47	93	96053	41.693	ng		99
12) 1,3-Dichlorobenzene	6.67	146	114228	42.694	ng		99
13) 1,4-Dichlorobenzene	6.75	146	115590	42.588	ng		96
14) 1,2-Dichlorobenzene	6.90	146	106875	41.774	ng		98
15) Benzyl Alcohol	6.89	79	82049	37.633	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	103137	41.500	ng		65
17) 2-Methylphenol	7.01	107	79543	40.330	ng		92
18) Hexachloroethane	7.23	117	26742	25.243	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	74771	40.119	ng		96
20) 3+4-Methylphenols	7.17	107	102943	39.809	ng	#	64
22) Acetophenone	7.15	105	154637	46.038	ng	#	94
24) Nitrobenzene	7.32	77	106900	43.559	ng		99
25) Isophorone	7.56	82	185463	41.841	ng		98
26) 2-Nitrophenol	7.64	139	27528	25.150	ng		96
27) 2,4-Dimethylphenol	7.68	122	71269	43.569	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	121007	44.242	ng		99
29) 2,4-Dichlorophenol	7.89	162	66724	38.889	ng		94
30) 1,2,4-Trichlorobenzene	7.96	180	76867	41.748	ng		98
31) Naphthalene	8.03	128	265042	42.272	ng		99
32) Benzoic acid	7.82	122	19324	17.247	ng		99
33) 4-Chloroaniline	8.09	127	107929	40.787	ng		97
34) Hexachlorobutadiene	8.15	225	44992	42.218	ng		97
35) Caprolactam	8.46	113	20873	37.870	ng		90
36) 4-Chloro-3-methylphenol	8.59	107	71824	36.706	ng		99
37) 2-Methylnaphthalene	8.72	142	163752	38.759	ng		99
38) 1-Methylnaphthalene	8.82	142	152604	38.439	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	65431	45.240	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.02	196	39300	43.390	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	38234	41.659	ng	#	93
46) 1,1'-Biphenyl	9.19	154	198571	44.667	ng		99
47) 2-Chloronaphthalene	9.22	162	147751	44.080	ng		95
48) 2-Nitroaniline	9.32	65	52956	48.127	ng		93
49) Acenaphthylene	9.63	152	211905	43.041	ng		98
50) Dimethylphthalate	9.49	163	172423	45.041	ng		99
51) 2,6-Dinitrotoluene	9.56	165	28372	35.516	ng	#	88
52) Acenaphthene	9.80	154	129278	42.799	ng		95
53) 3-Nitroaniline	9.73	138	47220	48.718	ng		98
55) Dibenzofuran	9.97	168	184016	42.049	ng		97
56) 4-Nitrophenol	9.95	139	10621m	26.706	ng		
57) 2,4-Dinitrotoluene	9.98	165	33006	31.077	ng	#	86
58) Fluorene	10.31	166	150801	41.669	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	30325	42.039	ng	#	98
60) Diethylphthalate	10.18	149	168008	43.390	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	68205	42.007	ng		95
62) 4-Nitroaniline	10.35	138	49044	53.683	ng		99
63) Azobenzene	10.46	77	162338	40.955	ng		99
66) n-Nitrosodiphenylamine	10.42	169	128191	41.827	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	36541	40.467	ng	#	87
68) Hexachlorobenzene	10.87	284	39131	40.465	ng		92
69) Atrazine	10.95	200	16451	21.098	ng		97
70) Pentachlorophenol	11.08	266	18411	63.508	ng		96
71) Phenanthrene	11.27	178	202913	41.684	ng		99
72) Anthracene	11.33	178	208934	41.831	ng		99
73) Carbazole	11.49	167	200847	44.001	ng		98
74) Di-n-butylphthalate	11.80	149	259824	42.601	ng		99
75) Fluoranthene	12.47	202	214726	44.063	ng		97
78) Pyrene	12.70	202	214323	41.856	ng		99
80) Butylbenzylphthalate	13.30	149	111177	43.632	ng		91
81) Benzo(a)anthracene	13.89	228	163540	40.669	ng		98
82) 3,3'-Dichlorobenzidine	13.84	252	64587	51.185	ng		93
83) Chrysene	13.93	228	161909	41.083	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	157050	43.999	ng		97
85) Di-n-octyl phthalate	14.47	149	256048	46.656	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	105584	35.884	ng		99
88) Benzo(b)fluoranthene	14.92	252	113809	42.081	ng		99
89) Benzo(k)fluoranthene	14.95	252	125520	45.282	ng		97
90) Benzo(a)pyrene	15.27	252	105261	42.807	ng		98
91) Dibenzo(a,h)anthracene	16.74	278	87776	41.282	ng		95
92) Benzo(g,h,i)perylene	17.18	276	81702	40.612	ng		95

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

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