Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
Data File : BF116588.D
Acq On : 27 Aug 2019 17:05
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 28 06:36:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	71916	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	382972	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	198371	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	269971	20.00	ng		0.00
76) Chrysene-d12	14.03	240	265774	20.00	ng		0.00
87) Perylene-d12	15.49	264	160593	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	341880	69.46	ng		0.00
7) Phenol-d6	6.50	99	443712	73.52	ng		0.00
23) Nitrobenzene-d5	7.44	82	535662	76.52	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	154559	90.74	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	937627	76.12	ng		0.00
79) Terphenyl-d14	12.97	244	1205446	84.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	71348	33.481	ng		97
3) Pyridine	3.39	79	213907	32.961	ng		100
4) n-Nitrosodimethylamine	3.33	42	86409	36.474	ng	#	90
6) Aniline	6.54	93	295896	36.216	ng		99
8) 2-Chlorophenol	6.66	128	187131	36.231	ng		99
9) Benzaldehyde	6.42	77	140109	34.747	ng		97
10) Phenol	6.52	94	247618	37.784	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	178231	35.719	ng		99
12) 1,3-Dichlorobenzene	6.82	146	218178	39.027	ng		95
13) 1,4-Dichlorobenzene	6.89	146	225993	42.002	ng		100
14) 1,2-Dichlorobenzene	7.05	146	227320	44.785	ng		99
15) Benzyl Alcohol	7.02	79	190590	39.024	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	269852	39.113	ng		97
17) 2-Methylphenol	7.12	107	191123	44.661	ng		98
18) Hexachloroethane	7.39	117	102520	48.856	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	172489	41.886	ng		98
20) 3+4-Methylphenols	7.27	107	256087	48.850	ng		99
22) Acetophenone	7.28	105	346685	36.202	ng		95
24) Nitrobenzene	7.46	77	283996	39.176	ng		98
25) Isophorone	7.69	82	515612	37.377	ng		99
26) 2-Nitrophenol	7.77	139	135875	51.313	ng		100
27) 2,4-Dimethylphenol	7.80	122	208541	37.745	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	322154	37.816	ng		99
29) 2,4-Dichlorophenol	8.01	162	219664	41.806	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	254334	42.997	ng		99
31) Naphthalene	8.18	128	760065	41.026	ng		100
32) Benzoic acid	7.92	122	187737	53.151	ng		94
33) 4-Chloroaniline	8.22	127	316129	38.870	ng		98
34) Hexachlorobutadiene	8.30	225	136883	42.432	ng		98
35) Caprolactam	8.59	113	63357	34.617	ng		91
36) 4-Chloro-3-methylphenol	8.70	107	221622	37.382	ng		98
37) 2-Methylnaphthalene	8.87	142	431436	33.917	ng		97
38) 1-Methylnaphthalene	8.97	142	399322	33.605	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	200240	37.519	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	123811	43.117	ng		96
43) 2,4,6-Trichlorophenol	9.15	196	145372	38.919	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	125464	33.011	ng		96
46) 1,1'-Biphenyl	9.33	154	558317	35.203	ng		98
47) 2-Chloronaphthalene	9.36	162	382493	31.108	ng		98
48) 2-Nitroaniline	9.45	65	124701	33.124	ng		99
49) Acenaphthylene	9.77	152	705376	39.211	ng		99
50) Dimethylphthalate	9.63	163	517836	37.415	ng		99
51) 2,6-Dinitrotoluene	9.69	165	117799	41.582	ng		99
52) Acenaphthene	9.95	154	483601	41.895	ng		99
53) 3-Nitroaniline	9.86	138	143255	42.422	ng		90
54) 2,4-Dinitrophenol	9.96	184	61259	57.834	ng	#	1
55) Dibenzofuran	10.12	168	653969	40.643	ng		98
56) 4-Nitrophenol	10.00	139	113145	43.108	ng		99
57) 2,4-Dinitrotoluene	10.09	165	159771	44.322	ng		94
58) Fluorene	10.46	166	412595	33.004	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	134263	43.023	ng		100
60) Diethylphthalate	10.33	149	576589	42.386	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	232313	38.091	ng		93
62) 4-Nitroaniline	10.47	138	115502	34.972	ng		95
63) Azobenzene	10.61	77	545019	38.966	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	64499	56.766	ng		85
66) n-Nitrosodiphenylamine	10.56	169	442911	50.667	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	148632	52.514	ng		96
68) Hexachlorobenzene	11.01	284	159127	50.832	ng		94
69) Atrazine	11.09	200	130142	49.689	ng		98
70) Pentachlorophenol	11.19	266	78319	42.881	ng		99
71) Phenanthrene	11.42	178	609363	41.434	ng		99
72) Anthracene	11.47	178	623588	42.196	ng		99
73) Carbazole	11.62	167	558672	42.115	ng		98
74) Di-n-butylphthalate	11.95	149	865685	52.664	ng		100
75) Fluoranthene	12.60	202	855813	56.285	ng		100
77) Benzidine	12.72	184	434962	40.677	ng		99
78) Pyrene	12.83	202	866319	40.760	ng		100
80) Butylbenzylphthalate	13.44	149	399598	43.534	ng		95
81) Benzo(a)anthracene	14.02	228	710709	41.288	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	249782	40.720	ng		99
83) Chrysene	14.06	228	707191	40.534	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	519289	42.427	ng		99
85) Di-n-octyl phthalate	14.62	149	827074	39.802	ng		98
86) Indeno(1,2,3-cd)pyrene	16.94	276	502678	33.635	ng		98
88) Benzo(b)fluoranthene	15.06	252	581171	58.582	ng	#	97
89) Benzo(k)fluoranthene	15.09	252	497186	55.319	ng		98
90) Benzo(a)pyrene	15.43	252	379661	43.301	ng		97
91) Dibenzo(a,h)anthracene	16.97	278	414221	57.493	ng		97
92) Benzo(g,h,i)perylene	17.39	276	393799	57.333	ng		96

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

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