Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116789.D
Acq On : 3 Sep 2019 23:40
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 04 01:35:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	112794	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	465949	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	238893	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	404676	20.00	ng		0.00
76) Chrysene-d12	14.00	240	245345	20.00	ng		0.00
87) Perylene-d12	15.45	264	277826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	602754	86.57	ng		0.00
7) Phenol-d6	6.48	99	766191	83.81	ng		0.00
23) Nitrobenzene-d5	7.41	82	706112	86.51	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	166183	104.06	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1203676	85.00	ng		0.00
79) Terphenyl-d14	12.94	244	1132712	85.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	131503	40.916	ng		98
3) Pyridine	3.30	79	381876	41.037	ng		94
4) n-Nitrosodimethylamine	3.24	42	116616	36.494	ng	#	76
6) Aniline	6.51	93	508913	40.191	ng		97
8) 2-Chlorophenol	6.63	128	324513	42.697	ng		97
9) Benzaldehyde	6.39	77	228554	37.946	ng		97
10) Phenol	6.49	94	426410	42.121	ng		92
11) bis(2-Chloroethyl)ether	6.58	93	321026	40.726	ng		100
12) 1,3-Dichlorobenzene	6.79	146	359000	41.793	ng		95
13) 1,4-Dichlorobenzene	6.87	146	367545	42.978	ng		98
14) 1,2-Dichlorobenzene	7.02	146	344827	43.509	ng		97
15) Benzyl Alcohol	6.99	79	292156	39.368	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	368693	39.866	ng		99
17) 2-Methylphenol	7.10	107	272222	40.915	ng		96
18) Hexachloroethane	7.36	117	117496	35.362	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	233105	38.724	ng		93
20) 3+4-Methylphenols	7.25	107	327373	42.318	ng	#	83
22) Acetophenone	7.26	105	460264	41.030	ng	#	90
24) Nitrobenzene	7.43	77	351868	42.388	ng		93
25) Isophorone	7.67	82	641121	38.764	ng		97
26) 2-Nitrophenol	7.75	139	155699	50.450	ng	#	89
27) 2,4-Dimethylphenol	7.78	122	256047	41.080	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	406153	40.185	ng		99
29) 2,4-Dichlorophenol	7.99	162	261949	43.731	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	274417	42.238	ng		99
31) Naphthalene	8.15	128	937815	42.327	ng		99
32) Benzoic acid	7.89	122	156478	44.462	ng		96
33) 4-Chloroaniline	8.20	127	418789	41.524	ng		95
34) Hexachlorobutadiene	8.27	225	147820	41.728	ng		98
35) Caprolactam	8.56	113	94008	41.936	ng		89
36) 4-Chloro-3-methylphenol	8.67	107	293808	42.677	ng		99
37) 2-Methylnaphthalene	8.85	142	627861	42.591	ng		95
38) 1-Methylnaphthalene	8.95	142	598321	42.995	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	254010	44.355	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	45254	13.684	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	182124	46.394	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	190121	46.650	ng		96
46) 1,1'-Biphenyl	9.30	154	767119	42.318	ng		97
47) 2-Chloronaphthalene	9.33	162	609851	42.476	ng		97
48) 2-Nitroaniline	9.42	65	199070	47.959	ng		99
49) Acenaphthylene	9.75	152	932259	42.954	ng		99
50) Dimethylphthalate	9.60	163	693409	42.042	ng		98
51) 2,6-Dinitrotoluene	9.66	165	152607	48.496	ng		85
52) Acenaphthene	9.92	154	549150	41.180	ng		98
53) 3-Nitroaniline	9.83	138	197596	50.106	ng		99
54) 2,4-Dinitrophenol	9.93	184	17239	22.735	ng		95
55) Dibenzofuran	10.09	168	818768	43.554	ng		99
56) 4-Nitrophenol	9.99	139	134665	49.802	ng		81
57) 2,4-Dinitrotoluene	10.06	165	205918	53.517	ng		97
58) Fluorene	10.43	166	629295	43.933	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	143605	48.823	ng		98
60) Diethylphthalate	10.30	149	685892	41.516	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	280536	44.725	ng		98
62) 4-Nitroaniline	10.44	138	202283	52.856	ng		89
63) Azobenzene	10.58	77	708496	41.127	ng		93
65) 4,6-Dinitro-2-methylphenol	10.47	198	29701	24.286	ng		91
66) n-Nitrosodiphenylamine	10.54	169	571873	40.851	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	167308	40.698	ng		95
68) Hexachlorobenzene	10.99	284	180876	42.053	ng		91
69) Atrazine	11.06	200	158543	40.437	ng		98
70) Pentachlorophenol	11.17	266	92125	44.277	ng		98
71) Phenanthrene	11.39	178	921470	40.905	ng		100
72) Anthracene	11.44	178	942932	41.582	ng		99
73) Carbazole	11.59	167	895086	41.438	ng		100
74) Di-n-butylphthalate	11.93	149	1138521	41.114	ng		99
75) Fluoranthene	12.57	202	889051	40.159	ng		97
77) Benzidine	12.69	184	421567	43.808	ng		98
78) Pyrene	12.80	202	888329	40.731	ng		99
80) Butylbenzylphthalate	13.42	149	459876	43.360	ng		99
81) Benzo(a)anthracene	13.99	228	657348	42.334	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	236751	45.117	ng		98
83) Chrysene	14.02	228	666897	41.688	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	616179	47.065	ng		99
85) Di-n-octyl phthalate	14.59	149	978913	45.690	ng		96
86) Indeno(1,2,3-cd)pyrene	16.90	276	587261	45.703	ng	#	92
88) Benzo(b)fluoranthene	15.03	252	695167	41.387	ng	#	96
89) Benzo(k)fluoranthene	15.06	252	578353	37.764	ng	#	97
90) Benzo(a)pyrene	15.39	252	607118	41.545	ng		98
91) Dibenzo(a,h)anthracene	16.92	278	497026	38.856	ng	#	93
92) Benzo(g,h,i)perylene	17.34	276	444674	34.086	ng	#	95

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

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