Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
Data File : BF116873.D
Acq On : 7 Sep 2019 5:48
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 07 06:22:03 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	69978	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	284512	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	139917	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	202230	20.00	ng		0.00
76) Chrysene-d12	14.00	240	140283	20.00	ng		0.00
87) Perylene-d12	15.46	264	138916	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	379352	87.82	ng		0.00
7) Phenol-d6	6.48	99	486899	85.84	ng		0.00
23) Nitrobenzene-d5	7.41	82	461929	92.69	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	87299	93.33	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	776805	93.65	ng		0.00
79) Terphenyl-d14	12.95	244	611868	80.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	78002	39.119	ng		95
3) Pyridine	3.31	79	217537	37.680	ng		92
4) n-Nitrosodimethylamine	3.25	42	72903	36.773	ng		87
6) Aniline	6.51	93	311393	39.638	ng		99
8) 2-Chlorophenol	6.63	128	204596	43.390	ng		98
9) Benzaldehyde	6.39	77	141405	37.842	ng		99
10) Phenol	6.50	94	265658	42.298	ng		86
11) bis(2-Chloroethyl)ether	6.58	93	196169	40.113	ng		99
12) 1,3-Dichlorobenzene	6.79	146	226220	42.448	ng		96
13) 1,4-Dichlorobenzene	6.86	146	232481	43.817	ng		98
14) 1,2-Dichlorobenzene	7.02	146	216737	44.080	ng		97
15) Benzyl Alcohol	6.99	79	177162	38.479	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	198825	34.652	ng		86
17) 2-Methylphenol	7.10	107	178092	43.145	ng		97
18) Hexachloroethane	7.36	117	72967	35.397	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	149535	40.040	ng		92
20) 3+4-Methylphenols	7.26	107	215285	44.856	ng	#	64
22) Acetophenone	7.26	105	309086	45.124	ng	#	92
24) Nitrobenzene	7.43	77	231228	45.618	ng		97
25) Isophorone	7.67	82	401601	39.767	ng		97
26) 2-Nitrophenol	7.75	139	88954	47.204	ng		97
27) 2,4-Dimethylphenol	7.78	122	155474	40.851	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	255654	41.426	ng		99
29) 2,4-Dichlorophenol	7.99	162	160435	43.864	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	171512	43.234	ng		98
31) Naphthalene	8.15	128	583226	43.110	ng		99
32) Benzoic acid	7.89	122	73094	34.014	ng		95
33) 4-Chloroaniline	8.20	127	259353	42.114	ng		98
34) Hexachlorobutadiene	8.27	225	98130	45.366	ng		98
35) Caprolactam	8.56	113	52794	38.570	ng		92
36) 4-Chloro-3-methylphenol	8.68	107	185391	44.102	ng		99
37) 2-Methylnaphthalene	8.85	142	394541	43.831	ng		97
38) 1-Methylnaphthalene	8.94	142	362485	42.659	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	157796	47.046	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	9748	5.033	ng		95
43) 2,4,6-Trichlorophenol	9.12	196	103390	44.968	ng		96
44) 2,4,5-Trichlorophenol	9.16	196	109176	45.738	ng		94
46) 1,1'-Biphenyl	9.30	154	479612	45.174	ng		97
47) 2-Chloronaphthalene	9.33	162	369840	43.981	ng		100
48) 2-Nitroaniline	9.42	65	125610	51.668	ng		94
49) Acenaphthylene	9.75	152	551693	43.401	ng		99
50) Dimethylphthalate	9.60	163	434015	44.930	ng		98
51) 2,6-Dinitrotoluene	9.66	165	87671	47.569	ng		97
52) Acenaphthene	9.92	154	326467	41.799	ng		100
53) 3-Nitroaniline	9.83	138	112424	48.675	ng		90
54) 2,4-Dinitrophenol	9.95	184	2476	12.399	ng	#	79
55) Dibenzofuran	10.09	168	479671	43.565	ng		96
56) 4-Nitrophenol	10.00	139	63029	39.799	ng		84
57) 2,4-Dinitrotoluene	10.07	165	113521	50.374	ng		97
58) Fluorene	10.43	166	372595	44.412	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	75624	43.898	ng		97
60) Diethylphthalate	10.30	149	426463	44.073	ng		98
61) 4-Chlorophenyl-phenylether	10.42	204	170478	46.405	ng		97
62) 4-Nitroaniline	10.45	138	114218	50.957	ng		96
63) Azobenzene	10.58	77	419332	41.561	ng		95
65) 4,6-Dinitro-2-methylphenol	10.48	198	6401	14.711	ng		97
66) n-Nitrosodiphenylamine	10.54	169	330017	47.173	ng		96
67) 4-Bromophenyl-phenylether	10.91	248	97423	47.422	ng		99
68) Hexachlorobenzene	10.99	284	100164	46.600	ng		96
69) Atrazine	11.06	200	88305	45.069	ng		98
70) Pentachlorophenol	11.18	266	38997	37.505	ng		94
71) Phenanthrene	11.39	178	489007	43.439	ng		100
72) Anthracene	11.45	178	494239	43.614	ng		99
73) Carbazole	11.60	167	455305	42.179	ng		100
74) Di-n-butylphthalate	11.92	149	641541	46.360	ng		99
75) Fluoranthene	12.58	202	451751	40.833	ng		99
77) Benzidine	12.70	184	211490	38.437	ng		98
78) Pyrene	12.81	202	456341	36.594	ng		99
80) Butylbenzylphthalate	13.42	149	238673	39.357	ng		99
81) Benzo(a)anthracene	13.99	228	396267	44.632	ng		98
82) 3,3'-Dichlorobenzidine	13.95	252	138197	46.059	ng		97
83) Chrysene	14.03	228	386529	42.257	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	331584	44.295	ng		99
85) Di-n-octyl phthalate	14.59	149	553763	45.204	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.92	276	281069	38.256	ng		98
88) Benzo(b)fluoranthene	15.04	252	354354	42.192	ng		99
89) Benzo(k)fluoranthene	15.07	252	341546	44.602	ng		99
90) Benzo(a)pyrene	15.40	252	310607	42.509	ng		97
91) Dibenzo(a,h)anthracene	16.93	278	237236	37.092	ng		98
92) Benzo(g,h,i)perylene	17.36	276	208884	32.023	ng		98

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

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