Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117049.D
Acq On : 16 Sep 2019 8:31
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 16 11:37:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	68820	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	283464	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	148588	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	244575	20.00	ng	0.00
76) Chrysene-d12	13.97	240	170791	20.00	ng	0.00
87) Perylene-d12	15.41	264	142572	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	330241	74.92	ng	0.00
7) Phenol-d6	6.46	99	432108	75.85	ng	0.00
23) Nitrobenzene-d5	7.39	82	411345	76.25	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	93234	75.08	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	728242	76.63	ng	0.00
79) Terphenyl-d14	12.92	244	723438	79.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	66946	36.295	ng	99
3) Pyridine	3.31	79	185188	36.681	ng	96
4) n-Nitrosodimethylamine	3.25	42	60448	34.889	ng	98
6) Aniline	6.49	93	280713	38.273	ng	99
8) 2-Chlorophenol	6.61	128	178817	37.603	ng	98
9) Benzaldehyde	6.37	77	118559	42.162	ng	99
10) Phenol	6.47	94	238841	38.031	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	167113	36.205	ng	98
12) 1,3-Dichlorobenzene	6.77	146	199694	37.423	ng	97
13) 1,4-Dichlorobenzene	6.85	146	201621	37.024	ng	98
14) 1,2-Dichlorobenzene	7.00	146	189115	37.300	ng	98
15) Benzyl Alcohol	6.97	79	169650	38.834	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	168675	36.989	ng	96
17) 2-Methylphenol	7.08	107	151361	37.978	ng	96
18) Hexachloroethane	7.34	117	78211	37.333	ng	91
19) n-Nitroso-di-n-propylamine	7.24	70	132920	38.318	ng	97
20) 3+4-Methylphenols	7.23	107	192168	38.710	ng	98
22) Acetophenone	7.23	105	274426	38.104	ng	99
24) Nitrobenzene	7.40	77	202300	37.971	ng	99
25) Isophorone	7.65	82	362710	37.971	ng	100
26) 2-Nitrophenol	7.72	139	86912	37.979	ng	95
27) 2,4-Dimethylphenol	7.76	122	136890	37.721	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	222445	37.797	ng	99
29) 2,4-Dichlorophenol	7.96	162	146944	38.644	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	155986	37.970	ng	97
31) Naphthalene	8.13	128	520052	38.147	ng	99
32) Benzoic acid	7.88	122	84664	33.246	ng	94
33) 4-Chloroaniline	8.17	127	237868	39.339	ng	99
34) Hexachlorobutadiene	8.25	225	88443	37.946	ng	98
35) Caprolactam	8.54	113	47891	37.209	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	172588	38.925	ng	97
37) 2-Methylnaphthalene	8.82	142	349998	38.125	ng	100
38) 1-Methylnaphthalene	8.92	142	330949	38.491	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	143802	37.478	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	49086	33.950	ng		96
43) 2,4,6-Trichlorophenol	9.09	196	97182	37.322	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	104491	37.560	ng		94
46) 1,1'-Biphenyl	9.27	154	434965	37.319	ng		98
47) 2-Chloronaphthalene	9.30	162	345156	37.523	ng		99
48) 2-Nitroaniline	9.40	65	114250	38.723	ng		97
49) Acenaphthylene	9.72	152	520574	37.778	ng		100
50) Dimethylphthalate	9.57	163	392380	37.296	ng		99
51) 2,6-Dinitrotoluene	9.64	165	82480	38.493	ng		99
52) Acenaphthene	9.89	154	306039	37.466	ng		99
53) 3-Nitroaniline	9.80	138	101602	37.582	ng		91
54) 2,4-Dinitrophenol	9.92	184	27433	35.419	ng		92
55) Dibenzofuran	10.06	168	459709	38.144	ng		96
56) 4-Nitrophenol	9.97	139	61697	35.212	ng		93
57) 2,4-Dinitrotoluene	10.05	165	110113	39.589	ng		96
58) Fluorene	10.40	166	368503	37.958	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	78584	36.913	ng		97
60) Diethylphthalate	10.27	149	395596	38.220	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	162573	38.704	ng		97
62) 4-Nitroaniline	10.42	138	108163	38.472	ng		95
63) Azobenzene	10.55	77	393309	37.205	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	35899	34.484	ng		79
66) n-Nitrosodiphenylamine	10.51	169	319202	37.791	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	93865	37.581	ng		98
68) Hexachlorobenzene	10.95	284	103975	38.060	ng		93
69) Atrazine	11.03	200	82698	37.654	ng		98
70) Pentachlorophenol	11.15	266	46434	36.261	ng		94
71) Phenanthrene	11.36	178	530925	38.219	ng		99
72) Anthracene	11.41	178	540558	38.115	ng		99
73) Carbazole	11.56	167	509113	37.819	ng		99
74) Di-n-butylphthalate	11.89	149	619680	38.689	ng		99
75) Fluoranthene	12.54	202	544106	38.119	ng		97
77) Benzidine	12.66	184	226206	41.116	ng		99
78) Pyrene	12.77	202	548286	38.260	ng		99
80) Butylbenzylphthalate	13.38	149	260859	38.523	ng		98
81) Benzo(a)anthracene	13.96	228	432465	37.900	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	137344	37.352	ng		99
83) Chrysene	14.00	228	416958	37.465	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	336266	38.515	ng	#	99
85) Di-n-octyl phthalate	14.55	149	506563	36.863	ng		100
86) Indeno(1,2,3-cd)pyrene	16.84	276	282128	34.747	ng		98
88) Benzo(b)fluoranthene	14.99	252	339153	39.272	ng		98
89) Benzo(k)fluoranthene	15.02	252	311570	38.086	ng		99
90) Benzo(a)pyrene	15.35	252	289345	38.181	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	229280	37.978	ng		98
92) Benzo(g,h,i)perylene	17.28	276	226465	37.644	ng		100

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

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