Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
Data File : BF110078.D
Acq On : 23 Oct 2018 14:49
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF102318

Quant Time: Nov 05 15:19:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164475	20.00	ng		0.01
21) Naphthalene-d8	8.25	136	696348	20.00	ng		0.01
39) Acenaphthene-d10	10.02	164	336797	20.00	ng		0.02
64) Phenanthrene-d10	11.50	188	648487	20.00	ng		0.01
76) Chrysene-d12	14.16	240	511829	20.00	ng		0.02
87) Perylene-d12	15.67	264	431099	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	790152	78.23	ng		0.00
7) Phenol-d6	6.59	99	1008090	78.03	ng		0.00
23) Nitrobenzene-d5	7.53	82	935733	79.70	ng		0.01
42) 2,4,6-Tribromophenol	10.80	330	271328	81.33	ng		0.01
45) 2-Fluorobiphenyl	9.33	172	1718712	80.13	ng		0.01
79) Terphenyl-d14	13.09	244	1843457	74.91	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	207882	39.285	ng		91
3) Pyridine	3.59	79	477476	40.511	ng		89
4) n-Nitrosodimethylamine	3.55	42	202110	40.930	ng	#	95
6) Aniline	6.63	93	671740	39.916	ng	#	53
8) 2-Chlorophenol	6.75	128	466369	40.051	ng		99
9) Benzaldehyde	6.52	77	304781	40.883	ng		95
10) Phenol	6.60	94	544987	39.465	ng	#	66
11) bis(2-Chloroethyl)ether	6.70	93	446545	39.305	ng		92
12) 1,3-Dichlorobenzene	6.91	146	506157	39.498	ng		97
13) 1,4-Dichlorobenzene	6.99	146	506063	39.047	ng		98
14) 1,2-Dichlorobenzene	7.14	146	476613	39.614	ng		100
15) Benzyl Alcohol	7.10	79	401755	40.434	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	716161	39.425	ng		69
17) 2-Methylphenol	7.21	107	370629	39.937	ng	#	80
18) Hexachloroethane	7.48	117	189587	39.955	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	326154	39.353	ng		96
20) 3+4-Methylphenols	7.36	107	476413	39.715	ng		92
22) Acetophenone	7.37	105	631942	39.385	ng		97
24) Nitrobenzene	7.55	77	480983	39.682	ng		94
25) Isophorone	7.79	82	791353	39.543	ng		97
26) 2-Nitrophenol	7.86	139	242364	42.019	ng		97
27) 2,4-Dimethylphenol	7.89	122	382785	40.028	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	536331	39.450	ng		99
29) 2,4-Dichlorophenol	8.10	162	390655	40.435	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	433915	40.096	ng		95
31) Naphthalene	8.27	128	1260941	39.289	ng		100
32) Benzoic acid	8.02	122	303260	41.031	ng		92
33) 4-Chloroaniline	8.32	127	563965	39.045	ng		97
34) Hexachlorobutadiene	8.39	225	238598	39.709	ng		99
35) Caprolactam	8.70	113	140915	41.847	ng	#	86
36) 4-Chloro-3-methylphenol	8.80	107	419273	40.132	ng		92
37) 2-Methylnaphthalene	8.96	142	839717	39.545	ng		99
38) 1-Methylnaphthalene	9.06	142	805551	39.257	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	412540	39.312	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	217778	40.586 ng		99
43) 2,4,6-Trichlorophenol	9.24	196	265808	39.272 ng		92
44) 2,4,5-Trichlorophenol	9.28	196	282608	39.501 ng		95
46) 1,1'-Biphenyl	9.43	154	1185339	38.919 ng		99
47) 2-Chloronaphthalene	9.46	162	873109	39.081 ng		98
48) 2-Nitroaniline	9.55	65	277716	41.022 ng		97
49) Acenaphthylene	9.87	152	1274157	39.487 ng		98
50) Dimethylphthalate	9.73	163	988743	39.770 ng		99
51) 2,6-Dinitrotoluene	9.79	165	227044	42.396 ng		97
52) Acenaphthene	10.05	154	845533	39.610 ng		98
53) 3-Nitroaniline	9.97	138	261557	41.071 ng		88
54) 2,4-Dinitrophenol	10.07	184	81917	41.224 ng		89
55) Dibenzofuran	10.22	168	1176230	39.356 ng		96
56) 4-Nitrophenol	10.12	139	204114	43.305 ng		89
57) 2,4-Dinitrotoluene	10.20	165	296397	43.574 ng		90
58) Fluorene	10.56	166	876886	39.422 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	235441	40.374 ng		94
60) Diethylphthalate	10.43	149	976684	40.244 ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	461220	39.306 ng		99
62) 4-Nitroaniline	10.58	138	263340	41.575 ng		93
63) Azobenzene	10.72	77	962509	39.956 ng		95
65) 4,6-Dinitro-2-methylphenol	10.61	198	126768	42.787 ng		97
66) n-Nitrosodiphenylamine	10.67	169	841400	39.557 ng		96
67) 4-Bromophenyl-phenylether	11.05	248	279854	39.785 ng		95
68) Hexachlorobenzene	11.11	284	294333	39.436 ng	#	87
69) Atrazine	11.20	200	266699	39.676 ng		99
70) Pentachlorophenol	11.30	266	194167	44.615 ng		98
71) Phenanthrene	11.53	178	1322719	38.982 ng		100
72) Anthracene	11.58	178	1339229	39.376 ng		100
73) Carbazole	11.74	167	1311958	39.507 ng		99
74) Di-n-butylphthalate	12.06	149	1525061	40.662 ng		99
75) Fluoranthene	12.72	202	1365103	39.641 ng		98
77) Benzidine	12.84	184	582409	37.626 ng		97
78) Pyrene	12.96	202	1417070	38.619 ng		98
80) Butylbenzylphthalate	13.56	149	642761	40.358 ng		97
81) Benzo(a)anthracene	14.14	228	1216148	40.067 ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	419755	39.715 ng		99
83) Chrysene	14.18	228	1134569	39.355 ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	875406	40.661 ng	#	95
85) Di-n-octyl phthalate	14.73	149	1425997	42.596 ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	944508	39.492 ng		96
88) Benzo(b)fluoranthene	15.22	252	1045117	41.982 ng		98
89) Benzo(k)fluoranthene	15.26	252	956805	39.095 ng	#	97
90) Benzo(a)pyrene	15.62	252	925385	40.398 ng		98
91) Dibenzo(a,h)anthracene	17.26	278	784661	39.699 ng		99
92) Benzo(g,h,i)perylene	17.72	276	755933	38.812 ng		97

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

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