Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107330.D
Acq On : 12 Jul 2018 11:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/13/2018 11:17:06 AM

Quant Time: Jul 13 03:56:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54209	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	227289	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	124684	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	250154	20.00	ng		0.00
75) Chrysene-d12	14.14	240	206224	20.00	ng		0.00
86) Perylene-d12	15.67	264	165243	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	293391	91.65	ng		0.00
7) Phenol-d6	6.58	99	364192	91.10	ng		0.00
23) Nitrobenzene-d5	7.51	82	355630	86.95	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	121626	84.16	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	655452	89.82	ng		0.00
78) Terphenyl-d14	13.07	244	797853	93.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	66329	40.301	ng		98
3) Pyridine	3.55	79	184518	41.338	ng		96
4) n-Nitrosodimethylamine	3.53	42	76457	40.329	ng		84
6) Aniline	6.60	93	239062	44.083	ng	#	85
8) 2-Chlorophenol	6.72	128	162140	46.177	ng		99
9) Benzaldehyde	6.49	77	107169	39.508	ng		98
10) Phenol	6.60	94	201876	44.247	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	169098	44.894	ng		100
12) 1,3-Dichlorobenzene	6.87	146	188725	45.890	ng		99
13) 1,4-Dichlorobenzene	6.95	146	190864	45.906	ng		98
14) 1,2-Dichlorobenzene	7.10	146	174735	45.857	ng		98
15) Benzyl Alcohol	7.08	79	137686	42.891	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	207854	42.059	ng	#	23
17) 2-Methylphenol	7.20	107	150406	50.054	ng	#	92
18) Hexachloroethane	7.44	117	64699	44.250	ng	#	85
19) n-Nitroso-di-n-propylamine	7.34	70	121359	46.052	ng		93
20) 3+4-Methylphenols	7.35	107	173838	58.409	ng	#	66
22) Acetophenone	7.34	105	235149	46.243	ng	#	98
24) Nitrobenzene	7.52	77	180366	43.195	ng		97
25) Isophorone	7.75	82	322179	44.704	ng		97
26) 2-Nitrophenol	7.84	139	94077	47.727	ng		98
27) 2,4-Dimethylphenol	7.87	122	141530	46.453	ng		100
28) bis(2-Chloroethoxy)methane	7.96	93	215656	44.567	ng		99
29) 2,4-Dichlorophenol	8.08	162	151745	47.573	ng		94
30) 1,2,4-Trichlorobenzene	8.16	180	170451	48.508	ng		96
31) Naphthalene	8.24	128	486921	45.822	ng		99
32) Benzoic acid	8.02	122	66772m	32.263	ng		
33) 4-Chloroaniline	8.30	127	205973	46.195	ng		98
34) Hexachlorobutadiene	8.34	225	114569	50.038	ng		99
35) Caprolactam	8.68	113	47608m	45.787	ng		
36) 4-Chloro-3-methylphenol	8.79	107	157284	46.847	ng		96
37) 2-Methylnaphthalene	8.94	142	348048	49.414	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	187770	44.718	ng	#	96
40) Hexachlorocyclopentadiene	9.08	237	94280	43.641	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	97977	35.103	ng		95
43) 2,4,5-Trichlorophenol	9.27	196	100317	34.444	ng		90
45) 1,1'-Biphenyl	9.40	154	439366	44.216	ng		98
46) 2-Chloronaphthalene	9.43	162	318079	40.667	ng		95
47) 2-Nitroaniline	9.54	65	104416	39.699	ng		95
48) Acenaphthylene	9.85	152	490625	39.731	ng		99
49) Dimethylphthalate	9.70	163	367542	39.303	ng		97
50) 2,6-Dinitrotoluene	9.78	165	88282	44.582	ng	#	82
51) Acenaphthene	10.02	154	317648	40.849	ng		98
52) 3-Nitroaniline	9.95	138	98651	43.293	ng		92
53) 2,4-Dinitrophenol	10.07	184	30522	33.015	ng	#	20
54) Dibenzofuran	10.19	168	447317	42.010	ng		97
55) 4-Nitrophenol	10.14	139	52280	32.869	ng		92
56) 2,4-Dinitrotoluene	10.19	165	103014	39.855	ng		93
57) Fluorene	10.54	166	382658	45.288	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	93396m	40.341	ng		
59) Diethylphthalate	10.40	149	369684	40.959	ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	206770	46.770	ng	#	84
61) 4-Nitroaniline	10.58	138	89429	39.545	ng		96
62) Azobenzene	10.68	77	342092	38.489	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	63822	41.274	ng		75
65) n-Nitrosodiphenylamine	10.64	169	342343	40.687	ng		98
66) 4-Bromophenyl-phenylether	11.01	248	134640	45.099	ng	#	79
67) Hexachlorobenzene	11.09	284	143921	46.059	ng	#	81
68) Atrazine	11.17	200	109897	41.086	ng		95
69) Pentachlorophenol	11.30	266	54160	34.738	ng		96
70) Phenanthrene	11.51	178	541738	44.900	ng		99
71) Anthracene	11.56	178	555655	45.119	ng		100
72) Carbazole	11.72	167	506572	43.935	ng		98
73) Di-n-butylphthalate	12.02	149	569513	41.927	ng		100
74) Fluoranthene	12.70	202	612274	46.041	ng		96
76) Benzidine	12.82	184	266527	45.380	ng		98
77) Pyrene	12.94	202	622644	45.786	ng		99
79) Butylbenzylphthalate	13.53	149	237871	42.543	ng	#	92
80) Benzo(a)anthracene	14.13	228	554656	44.130	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	184566	41.781	ng	#	96
82) Chrysene	14.17	228	510003	44.106	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	291355	40.759	ng	#	98
84) Di-n-octyl phthalate	14.70	149	481139	41.293	ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	410127	41.795	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	490790	47.813	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	413776	42.329	ng	#	95
89) Benzo(a)pyrene	15.61	252	406906	44.592	ng	#	97
90) Dibenzo(a,h)anthracene	17.28	278	346672	44.827	ng	#	93
91) Benzo(g,h,i)perylene	17.76	276	346066	45.783	ng	#	89

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

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