Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110578.D
Acq On : 8 Nov 2018 12:09
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
Sohil
11/9/2018 4:26:01 PM

Quant Time: Nov 08 13:55:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 13:42:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	82101	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	350006	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	166199	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	311606	20.00	ng		0.00
76) Chrysene-d12	14.14	240	219914	20.00	ng		0.00
87) Perylene-d12	15.66	264	154059	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	419932	83.29	ng		0.00
7) Phenol-d6	6.57	99	521082	80.80	ng		0.00
23) Nitrobenzene-d5	7.52	82	490522	83.13	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	134876	81.93	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	914045	86.36	ng		0.00
79) Terphenyl-d14	13.07	244	910656	86.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	101868	38.565	ng		91
3) Pyridine	3.57	79	234320	39.828	ng		87
4) n-Nitrosodimethylamine	3.53	42	98812	40.088	ng	#	89
6) Aniline	6.62	93	335522	39.941	ng	#	53
8) 2-Chlorophenol	6.73	128	239207	41.153	ng		98
9) Benzaldehyde	6.50	77	142404	36.373	ng		96
10) Phenol	6.59	94	304457	44.168	ng	#	67
11) bis(2-Chloroethyl)ether	6.68	93	225290	39.726	ng		95
12) 1,3-Dichlorobenzene	6.89	146	262714	41.070	ng		99
13) 1,4-Dichlorobenzene	6.96	146	262862	40.631	ng		97
14) 1,2-Dichlorobenzene	7.12	146	243611	40.563	ng		98
15) Benzyl Alcohol	7.09	79	206928	41.721	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	355738	39.232	ng		69
17) 2-Methylphenol	7.20	107	188838	40.764	ng	#	82
18) Hexachloroethane	7.46	117	98249	41.481	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	164792	39.833	ng		96
20) 3+4-Methylphenols	7.35	107	242460	40.491	ng		94
22) Acetophenone	7.36	105	328959	40.789	ng	#	94
24) Nitrobenzene	7.53	77	250682	41.147	ng		98
25) Isophorone	7.77	82	394665	39.236	ng		96
26) 2-Nitrophenol	7.85	139	129015	44.501	ng		99
27) 2,4-Dimethylphenol	7.87	122	190475	39.628	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	270540	39.591	ng		98
29) 2,4-Dichlorophenol	8.09	162	199133	41.007	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	222603	40.924	ng		94
31) Naphthalene	8.25	128	656254	40.682	ng		100
32) Benzoic acid	8.01	122	145365	39.130	ng		92
33) 4-Chloroaniline	8.30	127	289155	39.828	ng		98
34) Hexachlorobutadiene	8.36	225	125422	41.528	ng		99
35) Caprolactam	8.69	113	65661	38.794	ng		90
36) 4-Chloro-3-methylphenol	8.78	107	213141	40.589	ng		97
37) 2-Methylnaphthalene	8.95	142	430868	40.370	ng		98
38) 1-Methylnaphthalene	9.05	142	413009	40.043	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	210982	40.743	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	71886	27.148	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	135433	40.548	ng		94
44) 2,4,5-Trichlorophenol	9.27	196	143426	40.625	ng		94
46) 1,1'-Biphenyl	9.41	154	618277	41.138	ng		99
47) 2-Chloronaphthalene	9.44	162	441679	40.063	ng		99
48) 2-Nitroaniline	9.53	65	139715	41.821	ng		97
49) Acenaphthylene	9.86	152	644338	40.465	ng		100
50) Dimethylphthalate	9.70	163	490485	39.980	ng		99
51) 2,6-Dinitrotoluene	9.77	165	110125	41.672	ng		99
52) Acenaphthene	10.03	154	401894	38.152	ng		98
53) 3-Nitroaniline	9.95	138	126084	40.121	ng		92
54) 2,4-Dinitrophenol	10.06	184	41206	44.381	ng		90
55) Dibenzofuran	10.20	168	589271	39.955	ng		97
56) 4-Nitrophenol	10.11	139	87900	37.792	ng		91
57) 2,4-Dinitrotoluene	10.19	165	143478	42.744	ng		92
58) Fluorene	10.54	166	450518	41.044	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	111571m	38.771	ng		
60) Diethylphthalate	10.40	149	480176	40.095	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	234931	40.572	ng		98
62) 4-Nitroaniline	10.57	138	128118	40.989	ng		94
63) Azobenzene	10.69	77	478229	40.230	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	64550	45.341	ng		87
66) n-Nitrosodiphenylamine	10.65	169	416172	40.719	ng		96
67) 4-Bromophenyl-phenylether	11.02	248	136282	40.320	ng		98
68) Hexachlorobenzene	11.09	284	143579	40.035	ng	#	90
69) Atrazine	11.17	200	127448	39.458	ng		99
70) Pentachlorophenol	11.29	266	80130	38.318	ng		96
71) Phenanthrene	11.51	178	648511	39.775	ng		100
72) Anthracene	11.56	178	662554	40.541	ng		99
73) Carbazole	11.72	167	641275	40.188	ng		99
74) Di-n-butylphthalate	12.03	149	759511	42.144	ng		98
75) Fluoranthene	12.70	202	655922	39.639	ng		99
77) Benzidine	12.82	184	233261	31.158	ng		98
78) Pyrene	12.93	202	674879	42.806	ng		98
80) Butylbenzylphthalate	13.53	149	298493	43.620	ng		97
81) Benzo(a)anthracene	14.13	228	522935	40.098	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	172456	37.976	ng		99
83) Chrysene	14.16	228	483480	39.032	ng		100
84) Bis(2-ethylhexyl)phthalate	14.08	149	358545	38.760	ng		99
85) Di-n-octyl phthalate	14.70	149	511534	35.563	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	350183	34.078	ng		97
88) Benzo(b)fluoranthene	15.20	252	378660	42.564	ng		99
89) Benzo(k)fluoranthene	15.24	252	350562	40.083	ng		99
90) Benzo(a)pyrene	15.60	252	332858	40.661	ng		97
91) Dibenzo(a,h)anthracene	17.24	278	291195	41.226	ng		98
92) Benzo(g,h,i)perylene	17.71	276	290169	41.689	ng		98

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

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