Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110543.D
Acq On : 7 Nov 2018 4:51
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED

Quant Time: Nov 07 15:05:08 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

Sohil

11/7/2018 4:04:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	62171	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	227249	20.00	ng		0.00
39) Acenaphthene-d10	10.00	164	87424	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	170050	20.00	ng		0.00
76) Chrysene-d12	14.14	240	118043	20.00	ng		0.00
87) Perylene-d12	15.67	264	89541	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	339336	88.88	ng		0.00
7) Phenol-d6	6.58	99	398082	81.52	ng		0.00
23) Nitrobenzene-d5	7.52	82	330813	86.34	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	71641	82.73	ng		0.00
45) 2-Fluorobiphenyl	9.31	172	558347	100.29	ng		0.00
79) Terphenyl-d14	13.07	244	569719	100.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	86638	43.314	ng		91
3) Pyridine	3.57	79	189370	42.506	ng	#	85
4) n-Nitrosodimethylamine	3.53	42	77440	41.489	ng		92
6) Aniline	6.62	93	255794	40.211	ng	#	53
8) 2-Chlorophenol	6.75	128	183337	41.653	ng		98
9) Benzaldehyde	6.52	77	110613	38.620	ng		92
10) Phenol	6.60	94	229587	43.984	ng	#	63
11) bis(2-Chloroethyl)ether	6.69	93	170439	39.688	ng		95
12) 1,3-Dichlorobenzene	6.90	146	201575	41.614	ng		98
13) 1,4-Dichlorobenzene	6.97	146	203488	41.537	ng		98
14) 1,2-Dichlorobenzene	7.13	146	189736	41.720	ng		98
15) Benzyl Alcohol	7.10	79	138147	36.782	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.23	45	265659	38.690	ng		70
17) 2-Methylphenol	7.20	107	135811	38.716	ng	#	83
18) Hexachloroethane	7.46	117	49796	27.763	ng		93
19) n-Nitroso-di-n-propylamine	7.36	70	117288	37.438	ng		94
20) 3+4-Methylphenols	7.36	107	174280	38.435	ng		93
22) Acetophenone	7.37	105	235973	45.065	ng	#	98
24) Nitrobenzene	7.54	77	168697	42.648	ng		98
25) Isophorone	7.77	82	260924	39.952	ng		96
26) 2-Nitrophenol	7.86	139	54922	29.178	ng		95
27) 2,4-Dimethylphenol	7.89	122	126580	40.560	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	187264	42.208	ng		99
29) 2,4-Dichlorophenol	8.10	162	126080	39.988	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	146052	41.355	ng		95
31) Naphthalene	8.26	128	421795	40.272	ng		99
32) Benzoic acid	7.98	122	55419m	22.976	ng		
33) 4-Chloroaniline	8.31	127	182159	38.644	ng		100
34) Hexachlorobutadiene	8.37	225	87804	44.777	ng		97
35) Caprolactam	8.68	113	38289	34.842	ng	#	88
36) 4-Chloro-3-methylphenol	8.79	107	123697	36.281	ng		98
37) 2-Methylnaphthalene	8.95	142	256974	37.083	ng		99
38) 1-Methylnaphthalene	9.05	142	245848	36.712	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	125550	46.091	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	74486	42.396	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	75413	40.607	ng		94
46) 1,1'-Biphenyl	9.42	154	357079	45.167	ng		100
47) 2-Chloronaphthalene	9.45	162	252982	43.624	ng		99
48) 2-Nitroaniline	9.55	65	83045	47.257	ng		94
49) Acenaphthylene	9.86	152	356064	42.510	ng		100
50) Dimethylphthalate	9.71	163	283710	43.963	ng		99
51) 2,6-Dinitrotoluene	9.78	165	44840	32.257	ng		94
52) Acenaphthene	10.03	154	220384	39.773	ng		98
53) 3-Nitroaniline	9.96	138	81014	49.008	ng		90
55) Dibenzofuran	10.20	168	325131	41.909	ng		98
56) 4-Nitrophenol	10.12	139	40722	33.284	ng		96
57) 2,4-Dinitrotoluene	10.19	165	50746	28.740	ng		88
58) Fluorene	10.55	166	244077	42.273	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	61372	40.544	ng		95
60) Diethylphthalate	10.40	149	274707	43.607	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	127631	41.903	ng		98
62) 4-Nitroaniline	10.57	138	85149	51.789	ng		96
63) Azobenzene	10.70	77	250706	40.094	ng		96
66) n-Nitrosodiphenylamine	10.65	169	229956	41.228	ng		98
67) 4-Bromophenyl-phenylether	11.03	248	73575	39.888	ng		95
68) Hexachlorobenzene	11.10	284	78106	39.909	ng	#	87
69) Atrazine	11.17	200	60010	34.045	ng		97
70) Pentachlorophenol	11.30	266	38359	33.612	ng		98
71) Phenanthrene	11.52	178	372446	41.858	ng		99
72) Anthracene	11.57	178	387324	43.429	ng		100
73) Carbazole	11.73	167	385049	44.218	ng		99
74) Di-n-butylphthalate	12.03	149	434149	44.144	ng		99
75) Fluoranthene	12.71	202	392500	43.465	ng		99
77) Benzidine	12.83	184	272426	Below Cal			96
78) Pyrene	12.94	202	398653	47.107	ng		98
80) Butylbenzylphthalate	13.54	149	187372	51.011	ng		96
81) Benzo(a)anthracene	14.13	228	284814	40.687	ng		100
82) 3,3'-Dichlorobenzidine	14.09	252	113898	46.726	ng		98
83) Chrysene	14.17	228	270171	40.634	ng		98
84) Bis(2-ethylhexyl)phthalate	14.09	149	250514	50.452	ng		96
85) Di-n-octyl phthalate	14.70	149	377613	48.909	ng	#	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	201335	36.501	ng		97
88) Benzo(b)fluoranthene	15.21	252	208171	40.260	ng		96
89) Benzo(k)fluoranthene	15.24	252	211264	41.561	ng		99
90) Benzo(a)pyrene	15.60	252	196643	41.330	ng		97
91) Dibenzo(a,h)anthracene	17.26	278	174313	42.460	ng		98
92) Benzo(g,h,i)perylene	17.73	276	160944	39.784	ng		99

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

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