Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108317.D
Acq On : 21 Aug 2018 3:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED

Quant Time: Aug 21 06:02:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Sohil

8/21/2018 1:43:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	129615	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	462534	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	194036	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	358936	20.00	ng		0.00
75) Chrysene-d12	14.22	240	256375	20.00	ng		0.00
86) Perylene-d12	15.78	264	199096	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	625800	87.41	ng		0.01
7) Phenol-d6	6.64	99	795962	83.66	ng		0.01
23) Nitrobenzene-d5	7.58	82	750105	90.49	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	163630	84.54	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1258115	104.10	ng		0.00
78) Terphenyl-d14	13.15	244	1134033	112.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	143291	38.952	ng		90
3) Pyridine	3.68	79	390571	41.216	ng		89
4) n-Nitrosodimethylamine	3.65	42	182833	34.288	ng		86
6) Aniline	6.68	93	505860	39.091	ng		98
8) 2-Chlorophenol	6.81	128	342610	42.490	ng		98
9) Benzaldehyde	6.58	77	257936	34.969	ng		98
10) Phenol	6.65	94	406262	41.283	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	342136	43.004	ng		91
12) 1,3-Dichlorobenzene	6.96	146	399327	42.831	ng		97
13) 1,4-Dichlorobenzene	7.04	146	405696	43.310	ng		98
14) 1,2-Dichlorobenzene	7.19	146	372372	42.737	ng		99
15) Benzyl Alcohol	7.15	79	303992	37.956	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	606835	37.025	ng		99
17) 2-Methylphenol	7.26	107	268701	38.859	ng		94
18) Hexachloroethane	7.53	117	99524	29.843	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	253193	39.356	ng		91
20) 3+4-Methylphenols	7.41	107	349322	39.422	ng		96
22) Acetophenone	7.42	105	453427	41.925	ng	#	93
24) Nitrobenzene	7.60	77	362474	43.245	ng		94
25) Isophorone	7.84	82	564748	35.746	ng		98
26) 2-Nitrophenol	7.91	139	115517	36.494	ng		89
27) 2,4-Dimethylphenol	7.94	122	255428	36.427	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	382574	41.480	ng		99
29) 2,4-Dichlorophenol	8.15	162	266855	41.354	ng		98
30) 1,2,4-Trichlorobenzene	8.24	180	308541	43.367	ng		97
31) Naphthalene	8.32	128	854522	40.624	ng		99
32) Benzoic acid	8.04	122	65207	20.005	ng		94
33) 4-Chloroaniline	8.37	127	363213	39.622	ng		99
34) Hexachlorobutadiene	8.44	225	205879	45.711	ng		100
35) Caprolactam	8.74	113	74062	36.624	ng	#	81
36) 4-Chloro-3-methylphenol	8.84	107	258162	37.085	ng		96
37) 2-Methylnaphthalene	9.02	142	526118	35.351	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	285116	47.849	ng	#	96
42) 2,4,6-Trichlorophenol	9.30	196	175316	47.413	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.34	196	179552m	44.111	ng		
45) 1,1'-Biphenyl	9.48	154	691126	48.309	ng		99
46) 2-Chloronaphthalene	9.51	162	527979	46.694	ng		99
47) 2-Nitroaniline	9.60	65	184331	50.383	ng		84
48) Acenaphthylene	9.93	152	747940	41.841	ng		100
49) Dimethylphthalate	9.77	163	617756	45.705	ng		99
50) 2,6-Dinitrotoluene	9.84	165	108804	38.476	ng		95
51) Acenaphthene	10.10	154	440478	40.231	ng		99
52) 3-Nitroaniline	10.02	138	154409	49.906	ng		98
53) 2,4-Dinitrophenol	10.12	184	1400	8.227	ng	#	28
54) Dibenzofuran	10.27	168	680184	42.880	ng		97
55) 4-Nitrophenol	10.17	139	82994	35.423	ng		86
56) 2,4-Dinitrotoluene	10.25	165	123476	33.922	ng	#	97
57) Fluorene	10.62	166	498028	39.661	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	134535	39.544	ng	#	86
59) Diethylphthalate	10.47	149	581719	44.446	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	291259	44.514	ng		94
61) 4-Nitroaniline	10.63	138	154288	50.437	ng		95
62) Azobenzene	10.77	77	533371	39.461	ng		93
64) 4,6-Dinitro-2-methylphenol	10.66	198	4418	8.271	ng		96
65) n-Nitrosodiphenylamine	10.72	169	483168	45.552	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	179521	46.023	ng	#	88
67) Hexachlorobenzene	11.17	284	179379	43.707	ng		90
68) Atrazine	11.24	200	133510	37.528	ng		96
69) Pentachlorophenol	11.36	266	94417	48.064	ng		98
70) Phenanthrene	11.59	178	701776	41.452	ng		99
71) Anthracene	11.64	178	714688	41.188	ng		100
72) Carbazole	11.80	167	695529	45.116	ng		98
73) Di-n-butylphthalate	12.11	149	828718	47.458	ng		99
74) Fluoranthene	12.78	202	746290	40.391	ng		96
76) Benzidine	12.90	184	406870	42.476	ng		99
77) Pyrene	13.02	202	768075	47.321	ng		99
79) Butylbenzylphthalate	13.61	149	333953	51.815	ng		95
80) Benzo(a)anthracene	14.21	228	583499	39.658	ng		100
81) 3,3'-Dichlorobenzidine	14.16	252	250986	47.600	ng	#	98
82) Chrysene	14.24	228	558359	41.394	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	441040	50.532	ng		99
84) Di-n-octyl phthalate	14.79	149	684244	51.405	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	421864	36.095	ng	#	90
87) Benzo(b)fluoranthene	15.31	252	451108m	37.918	ng		
88) Benzo(k)fluoranthene	15.34	252	453008	41.423	ng	#	96
89) Benzo(a)pyrene	15.71	252	411072	38.587	ng	#	97
90) Dibenzo(a,h)anthracene	17.42	278	364907	41.398	ng	#	93
91) Benzo(g,h,i)perylene	17.91	276	330441	38.071	ng	#	90

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

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