Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113850.D
Acq On : 19 Apr 2019 11:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/22/2019 7:26:26 PM

Quant Time: Apr 19 23:50:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 13:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	213464	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	844944	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	453002	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	890608	20.00	ng		0.00
76) Chrysene-d12	14.06	240	642360	20.00	ng		0.01
87) Perylene-d12	15.53	264	550904	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	944433	73.57	ng		0.00
7) Phenol-d6	6.52	99	1194696	74.62	ng		0.00
23) Nitrobenzene-d5	7.46	82	1095950	78.99	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	403927	80.71	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2044271	68.82	ng		0.00
79) Terphenyl-d14	13.00	244	2382918	77.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	223876	35.046	ng		98
3) Pyridine	3.46	79	628000	35.730	ng		99
4) n-Nitrosodimethylamine	3.42	42	214592	34.982	ng		96
6) Aniline	6.56	93	824698	36.301	ng		100
8) 2-Chlorophenol	6.69	128	541552	37.587	ng		97
9) Benzaldehyde	6.45	77	353784	37.258	ng		96
10) Phenol	6.54	94	726364	40.473	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	531189	36.460	ng		98
12) 1,3-Dichlorobenzene	6.84	146	608515	38.014	ng		99
13) 1,4-Dichlorobenzene	6.92	146	600606	37.502	ng		98
14) 1,2-Dichlorobenzene	7.07	146	562951	38.143	ng		98
15) Benzyl Alcohol	7.04	79	362884	27.980	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	624785	35.355	ng		93
17) 2-Methylphenol	7.15	107	434996	36.962	ng		98
18) Hexachloroethane	7.42	117	215755	37.565	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	388512	36.356	ng		97
20) 3+4-Methylphenols	7.30	107	557980	39.459	ng		94
22) Acetophenone	7.30	105	714788	37.130	ng	#	94
24) Nitrobenzene	7.48	77	597336	38.305	ng		95
25) Isophorone	7.72	82	1053663	36.677	ng		99
26) 2-Nitrophenol	7.79	139	283588	45.777	ng		93
27) 2,4-Dimethylphenol	7.83	122	427724	36.162	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	664940	36.424	ng		99
29) 2,4-Dichlorophenol	8.03	162	486269	38.584	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	535143	38.227	ng		99
31) Naphthalene	8.20	128	1520284	38.039	ng		99
32) Benzoic acid	7.95	122	319727m	41.705	ng		
33) 4-Chloroaniline	8.25	127	642414	37.890	ng		99
34) Hexachlorobutadiene	8.33	225	325456	38.051	ng		98
35) Caprolactam	8.62	113	156257	38.408	ng		88
36) 4-Chloro-3-methylphenol	8.73	107	485860	38.879	ng		95
37) 2-Methylnaphthalene	8.89	142	1022898	38.576	ng		99
38) 1-Methylnaphthalene	8.99	142	991968	38.552	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	536531	37.322	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	294994	37.328	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	349605	37.781	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	387926	38.846	ng		98
46) 1,1'-Biphenyl	9.36	154	1274601	37.183	ng		99
47) 2-Chloronaphthalene	9.38	162	1038857	37.021	ng		98
48) 2-Nitroaniline	9.47	65	301262	41.257	ng		96
49) Acenaphthylene	9.80	152	1617616	36.856	ng		99
50) Dimethylphthalate	9.66	163	1186630	37.431	ng		99
51) 2,6-Dinitrotoluene	9.71	165	278647	39.827	ng	#	88
52) Acenaphthene	9.97	154	976016	37.912	ng		99
53) 3-Nitroaniline	9.88	138	296470	40.017	ng		98
54) 2,4-Dinitrophenol	9.98	184	113367	47.958	ng	#	42
55) Dibenzofuran	10.14	168	1439369	37.323	ng		97
56) 4-Nitrophenol	10.03	139	242603	40.239	ng		95
57) 2,4-Dinitrotoluene	10.12	165	367357	42.322	ng		98
58) Fluorene	10.49	166	1069710	37.184	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	339705	39.864	ng		99
60) Diethylphthalate	10.35	149	1116371	36.743	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	557660	37.854	ng		99
62) 4-Nitroaniline	10.49	138	283469	39.777	ng		99
63) Azobenzene	10.63	77	1110605	35.572	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	160455	44.228	ng		91
66) n-Nitrosodiphenylamine	10.59	169	972182	36.011	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	385192	36.830	ng		97
68) Hexachlorobenzene	11.03	284	420539	36.564	ng		97
69) Atrazine	11.12	200	314877	37.698	ng		96
70) Pentachlorophenol	11.22	266	258563	39.655	ng		98
71) Phenanthrene	11.45	178	1627561	35.881	ng		99
72) Anthracene	11.50	178	1661467	36.349	ng		99
73) Carbazole	11.65	167	1515321	36.514	ng		100
74) Di-n-butylphthalate	11.98	149	1676542	36.298	ng		99
75) Fluoranthene	12.63	202	1742882	36.256	ng		98
77) Benzidine	12.75	184	742258	37.541	ng		100
78) Pyrene	12.86	202	1763424	38.953	ng		100
80) Butylbenzylphthalate	13.47	149	694600	41.419	ng		97
81) Benzo(a)anthracene	14.04	228	1535581	40.895	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	594311	44.531	ng	#	99
83) Chrysene	14.08	228	1497195	40.172	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	852304	42.482	ng		99
85) Di-n-octyl phthalate	14.64	149	1372246	44.084	ng		99
86) Indeno(1,2,3-cd)pyrene	17.01	276	1152951	37.894	ng		99
88) Benzo(b)fluoranthene	15.10	252	1321882	38.490	ng		100
89) Benzo(k)fluoranthene	15.13	252	1156832	36.983	ng		100
90) Benzo(a)pyrene	15.46	252	1128631	37.166	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	933448	34.546	ng		99
92) Benzo(g,h,i)perylene	17.46	276	949459	34.571	ng		99

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

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