Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
Data File : BF123803.D
Acq On : 4 May 2021 12:13
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 04 12:58:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 04 12:58:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	248010	20.00	ng		0.00
21) Naphthalene-d8	8.086	136	907020	20.00	ng		# 0.00
39) Acenaphthene-d10	9.845	164	453470	20.00	ng		0.00
64) Phenanthrene-d10	11.327	188	863712	20.00	ng		0.00
76) Chrysene-d12	13.974	240	590555	20.00	ng		0.00
86) Perylene-d12	15.427	264	466314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1262049	80.62	ng		0.00
7) Phenol-d6	6.445	99	1711504	79.37	ng		0.00
23) Nitrobenzene-d5	7.369	82	1592588	79.26	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	447836	79.33	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	2336997	75.05	ng		0.00
79) Terphenyl-d14	12.916	244	2519695	82.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	341547	40.50	ng		98
3) Pyridine	3.246	79	854391	41.45	ng		92
4) n-Nitrosodimethylamine	3.199	42	472040	41.58	ng		95
6) Aniline	6.469	93	996065	39.94	ng		98
8) 2-Chlorophenol	6.592	128	678751	40.31	ng		99
9) Benzaldehyde	6.351	77	398028	38.13	ng		99
10) Phenol	6.457	94	926473	39.99	ng		82
11) bis(2-Chloroethyl)ether	6.539	93	672330	39.75	ng		99
12) 1,3-Dichlorobenzene	6.745	146	672497	39.52	ng		96
13) 1,4-Dichlorobenzene	6.822	146	676524	39.30	ng		97
14) 1,2-Dichlorobenzene	6.975	146	629822	37.68	ng		97
15) Benzyl Alcohol	6.945	79	680174	40.24	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.087	45	1410109	39.20	ng		99
17) 2-Methylphenol	7.063	107	592980	41.32	ng		99
18) Hexachloroethane	7.316	117	269571	39.56	ng		95
19) n-Nitroso-di-n-propyla...	7.222	70	518319	38.93	ng		99
20) 3+4-Methylphenols	7.216	107	706739	38.70	ng	#	78
22) Acetophenone	7.216	105	965373	39.16	ng		93
24) Nitrobenzene	7.386	77	834409	39.87	ng		96
25) Isophorone	7.628	82	1494376	39.67	ng		99
26) 2-Nitrophenol	7.704	139	345702	40.47	ng		96
27) 2,4-Dimethylphenol	7.745	122	538168	40.11	ng		98
28) bis(2-Chloroethoxy)met...	7.839	93	752514	39.20	ng		99
29) 2,4-Dichlorophenol	7.951	162	528038	39.93	ng		97
30) 1,2,4-Trichlorobenzene	8.028	180	545836	39.39	ng		97
31) Naphthalene	8.110	128	1840749	39.41	ng		100
32) Benzoic acid	7.881	122	315706	35.81	ng		99
33) 4-Chloroaniline	8.163	127	781063	40.07	ng		95
34) Hexachlorobutadiene	8.228	225	329974	39.07	ng		100
35) Caprolactam	8.539	113	193077	41.59	ng	#	84
36) 4-Chloro-3-methylphenol	8.645	107	671394	40.70	ng		98
37) 2-Methylnaphthalene	8.804	142	1193714	39.22	ng		100
38) 1-Methylnaphthalene	8.904	142	1129775	39.49	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	513031	38.44	ng		99
41) Hexachlorocyclopentadiene	8.957	237	206254	37.28	ng		98
43) 2,4,6-Trichlorophenol	9.081	196	368987	40.14	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	394666	40.02	ng		93
46) 1,1'-Biphenyl	9.269	154	1415378	38.10	ng		99
47) 2-Chloronaphthalene	9.292	162	1091410	38.96	ng		99
48) 2-Nitroaniline	9.386	65	488919	39.62	ng		94
49) Acenaphthylene	9.710	152	1774851	39.25	ng		99
50) Dimethylphthalate	9.569	163	1233693	38.63	ng		100
51) 2,6-Dinitrotoluene	9.633	165	295665	40.04	ng	#	82
52) Acenaphthene	9.880	154	1077327	39.11	ng		98
53) 3-Nitroaniline	9.798	138	355335	40.29	ng		99
54) 2,4-Dinitrophenol	9.904	184	166265	42.40	ng		99
55) Dibenzofuran	10.051	168	1600128	38.40	ng		99
56) 4-Nitrophenol	9.969	139	266105	41.43	ng		99
57) 2,4-Dinitrotoluene	10.033	165	399245	39.66	ng		90
58) Fluorene	10.392	166	1234663	38.56	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	315620	40.42	ng		97
60) Diethylphthalate	10.269	149	1308421	38.49	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	571940	38.33	ng		95
62) 4-Nitroaniline	10.416	138	348810	39.91	ng		99
63) Azobenzene	10.545	77	1477517	37.81	ng		97
65) 4,6-Dinitro-2-methylph...	10.445	198	232371	43.42	ng		84
66) n-Nitrosodiphenylamine	10.504	169	1112725	39.38	ng		99
67) 4-Bromophenyl-phenylether	10.874	248	358713	39.44	ng		97
68) Hexachlorobenzene	10.945	284	404073	39.03	ng	#	92
69) Atrazine	11.033	200	327041	38.29	ng		96
70) Pentachlorophenol	11.139	266	220419	41.77	ng		96
71) Phenanthrene	11.357	178	1770853	39.09	ng		99
72) Anthracene	11.410	178	1757630	39.02	ng		99
73) Carbazole	11.563	167	1776990	39.03	ng		100
74) Di-n-butylphthalate	11.892	149	1958749	38.32	ng		100
75) Fluoranthene	12.545	202	1893024	38.31	ng		99
77) Benzidine	12.663	184	541644	35.42	ng		98
78) Pyrene	12.774	202	1935790	42.23	ng		99
80) Butylbenzylphthalate	13.392	149	792598	40.47	ng		98
81) Benzo(a)anthracene	13.963	228	1375564	38.44	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	446290	40.61	ng		98
83) Chrysene	14.004	228	1401337	38.92	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	942483	38.74	ng		99
85) Di-n-octyl phthalate	14.568	149	1493230	38.39	ng		98
87) Indeno(1,2,3-cd)pyrene	16.874	276	1228591	45.24	ng		98
88) Benzo(b)fluoranthene	15.004	252	1257628	40.02	ng		99
89) Benzo(k)fluoranthene	15.033	252	1089358	36.32	ng		99
90) Benzo(a)pyrene	15.368	252	1078524	40.14	ng		97
91) Dibenzo(a,h)anthracene	16.886	278	1035214	45.15	ng		99
92) Benzo(g,h,i)perylene	17.309	276	1062275	46.26	ng		99

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

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