Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012721\
Data File : BF123046.D
Acq On : 27 Jan 2021 16:38
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF012721

Quant Time: Jan 28 01:06:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	251497	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	940136	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	500650	20.00	ng		0.00
64) Phenanthrene-d10	11.428	188	873296	20.00	ng		# 0.00
76) Chrysene-d12	14.086	240	726795	20.00	ng		0.00
86) Perylene-d12	15.568	264	690017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1311004	80.41	ng		0.00
7) Phenol-d6	6.516	99	1789655	80.98	ng		0.00
23) Nitrobenzene-d5	7.457	82	1559834	83.50	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	454638	83.65	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2667532	79.21	ng		0.00
79) Terphenyl-d14	13.027	244	2982090	80.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	330066	40.69	ng		95
3) Pyridine	3.422	79	882308	40.67	ng		93
4) n-Nitrosodimethylamine	3.375	42	371917	40.74	ng		91
6) Aniline	6.557	93	1112051	40.88	ng		99
8) 2-Chlorophenol	6.681	128	717904	40.62	ng		99
9) Benzaldehyde	6.440	77	413030	40.88	ng		96
10) Phenol	6.528	94	892571	40.72	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	734316	40.26	ng		96
12) 1,3-Dichlorobenzene	6.840	146	830189	40.28	ng		100
13) 1,4-Dichlorobenzene	6.916	146	830762	38.70	ng		99
14) 1,2-Dichlorobenzene	7.069	146	775145	38.60	ng		99
15) Benzyl Alcohol	7.034	79	651296	42.04	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1140045	40.53	ng		96
17) 2-Methylphenol	7.140	107	610263	40.58	ng		99
18) Hexachloroethane	7.410	117	305705	40.66	ng		93
19) n-Nitroso-di-n-propyla...	7.310	70	537686	40.46	ng		95
20) 3+4-Methylphenols	7.293	107	746345	42.14	ng	#	78
22) Acetophenone	7.304	105	977721	39.91	ng	#	97
24) Nitrobenzene	7.475	77	796863	41.40	ng		97
25) Isophorone	7.716	82	1398162	40.86	ng		99
26) 2-Nitrophenol	7.792	139	363674	45.69	ng		99
27) 2,4-Dimethylphenol	7.828	122	594951	41.43	ng		97
28) bis(2-Chloroethoxy)met...	7.928	93	948432	40.62	ng		99
29) 2,4-Dichlorophenol	8.034	162	622947	41.48	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	684576	40.46	ng		99
31) Naphthalene	8.204	128	2072157	40.18	ng		99
32) Benzoic acid	7.945	122	468555	41.27	ng		98
33) 4-Chloroaniline	8.245	127	921006	40.24	ng		98
34) Hexachlorobutadiene	8.322	225	399788	40.90	ng		98
35) Caprolactam	8.622	113	208831	41.14	ng		92
36) 4-Chloro-3-methylphenol	8.728	107	647012	41.43	ng		99
37) 2-Methylnaphthalene	8.892	142	1379630	40.30	ng		100
38) 1-Methylnaphthalene	8.992	142	1314639	40.56	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	622706	39.98	ng		99
41) Hexachlorocyclopentadiene	9.051	237	301758	40.82	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	456448	42.75	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	464334	41.59	ng		96
46) 1,1'-Biphenyl	9.363	154	1647464	40.12	ng		99
47) 2-Chloronaphthalene	9.386	162	1386903	40.34	ng		98
48) 2-Nitroaniline	9.475	65	452417	43.42	ng		85
49) Acenaphthylene	9.804	152	2020493	40.16	ng		99
50) Dimethylphthalate	9.663	163	1573647	40.06	ng		99
51) 2,6-Dinitrotoluene	9.722	165	355579	42.50	ng		95
52) Acenaphthene	9.975	154	1312416	40.61	ng		99
53) 3-Nitroaniline	9.892	138	416359	42.08	ng		96
54) 2,4-Dinitrophenol	9.992	184	147147	42.01	ng		97
55) Dibenzofuran	10.145	168	1851655	39.37	ng		100
56) 4-Nitrophenol	10.039	139	316025	44.19	ng		96
57) 2,4-Dinitrotoluene	10.122	165	472187	43.39	ng		97
58) Fluorene	10.492	166	1358684	36.17	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	403787	42.64	ng		95
60) Diethylphthalate	10.363	149	1544640	39.99	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	675106	38.25	ng		99
62) 4-Nitroaniline	10.504	138	411280	41.37	ng		99
63) Azobenzene	10.645	77	1506093	39.85	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	196319	41.48	ng		96
66) n-Nitrosodiphenylamine	10.598	169	1281950	40.73	ng		98
67) 4-Bromophenyl-phenylether	10.975	248	458374	41.21	ng		98
68) Hexachlorobenzene	11.045	284	481712	40.38	ng		98
69) Atrazine	11.128	200	351484	40.44	ng		98
70) Pentachlorophenol	11.233	266	283642	43.87	ng		100
71) Phenanthrene	11.457	178	2090525	38.54	ng		99
72) Anthracene	11.510	178	2073651	39.85	ng		99
73) Carbazole	11.663	167	1938781	40.15	ng		100
74) Di-n-butylphthalate	11.992	149	2329893	40.69	ng		100
75) Fluoranthene	12.651	202	2150573	39.67	ng		98
77) Benzidine	12.769	184	758581	46.12	ng		100
78) Pyrene	12.880	202	2188584	39.89	ng		98
80) Butylbenzylphthalate	13.498	149	1003353	42.50	ng		94
81) Benzo(a)anthracene	14.074	228	1973601	40.12	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	657969	42.50	ng	#	97
83) Chrysene	14.116	228	1970441	40.02	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	1293364	41.23	ng		99
85) Di-n-octyl phthalate	14.680	149	2270434	43.09	ng		97
87) Indeno(1,2,3-cd)pyrene	17.080	276	1962485	42.71	ng		96
88) Benzo(b)fluoranthene	15.139	252	2028489	40.73	ng		99
89) Benzo(k)fluoranthene	15.168	252	1891067	40.86	ng		99
90) Benzo(a)pyrene	15.510	252	1840261	42.07	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	1608853	42.54	ng		98
92) Benzo(g,h,i)perylene	17.533	276	1552749	42.37	ng		96

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

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