Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012221\
Data File : BF123035.D
Acq On : 22 Jan 2021 14:59
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012221

Manual Integrations APPROVED
mohammad
1/25/2021 11:29:00 AM

Quant Time: Jan 22 15:49:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 15:39:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	457519	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1698385	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	886453	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	1616243	20.00	ng	#	0.00
76) Chrysene-d12	14.086	240	1242671	20.00	ng	#	0.00
86) Perylene-d12	15.574	264	1209426	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	2388144	80.21	ng		0.00
7) Phenol-d6	6.516	99	3209782	79.43	ng		0.00
23) Nitrobenzene-d5	7.457	82	2735571	85.40	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	787145	85.70	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	4566215	79.57	ng		0.00
79) Terphenyl-d14	13.027	244	5003736	81.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	608637	40.93	ng		97
3) Pyridine	3.422	79	1589772	40.09	ng		97
4) n-Nitrosodimethylamine	3.375	42	650697	40.48	ng		98
6) Aniline	6.551	93	2050609	40.75	ng		99
8) 2-Chlorophenol	6.681	128	1320108	40.14	ng		97
9) Benzaldehyde	6.440	77	700303	41.90	ng		98
10) Phenol	6.528	94	1607483	40.11	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	1299874	39.93	ng		96
12) 1,3-Dichlorobenzene	6.834	146	1495881	38.55	ng		98
13) 1,4-Dichlorobenzene	6.910	146	1496596	39.83	ng		98
14) 1,2-Dichlorobenzene	7.069	146	1402502	38.32	ng		100
15) Benzyl Alcohol	7.034	79	1174289	40.73	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1943155	39.82	ng		97
17) 2-Methylphenol	7.139	107	1118691	40.42	ng		97
18) Hexachloroethane	7.410	117	560714	40.24	ng		93
19) n-Nitroso-di-n-propyla...	7.310	70	952547	39.66	ng		98
20) 3+4-Methylphenols	7.292	107	1358352	41.42	ng	#	80
22) Acetophenone	7.304	105	1772719	40.29	ng	#	94
24) Nitrobenzene	7.475	77	1407169	42.43	ng		98
25) Isophorone	7.716	82	2450884	40.43	ng		99
26) 2-Nitrophenol	7.792	139	638494	43.59	ng		96
27) 2,4-Dimethylphenol	7.822	122	1088576	40.98	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	1667857	40.62	ng		98
29) 2,4-Dichlorophenol	8.034	162	1097465	41.77	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	1230592	40.99	ng		98
31) Naphthalene	8.204	128	3727726	38.79	ng		97
32) Benzoic acid	7.945	122	817895	44.15	ng		97
33) 4-Chloroaniline	8.245	127	1653008	40.07	ng		97
34) Hexachlorobutadiene	8.322	225	681990	40.97	ng		100
35) Caprolactam	8.622	113	383208	41.62	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	1183371	41.79	ng		97
37) 2-Methylnaphthalene	8.892	142	2522531	40.45	ng		99
38) 1-Methylnaphthalene	8.992	142	2383332	40.21	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	1024506	40.03	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	514270	40.43	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	789203	42.96	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	790467	41.76	ng		95
46) 1,1'-Biphenyl	9.357	154	2898711	38.58	ng		97
47) 2-Chloronaphthalene	9.386	162	2383052	40.13	ng		98
48) 2-Nitroaniline	9.475	65	790965	45.41	ng		89
49) Acenaphthylene	9.804	152	3591403	39.90	ng		98
50) Dimethylphthalate	9.663	163	2790254	40.56	ng		99
51) 2,6-Dinitrotoluene	9.722	165	618717	43.39	ng		97
52) Acenaphthene	9.975	154	2327400	40.37	ng		99
53) 3-Nitroaniline	9.886	138	785515	43.92	ng		94
54) 2,4-Dinitrophenol	9.992	184	248553	43.64	ng		93
55) Dibenzofuran	10.145	168	3182656	38.89	ng		95
56) 4-Nitrophenol	10.039	139	588856	45.43	ng		97
57) 2,4-Dinitrotoluene	10.122	165	816649	45.34	ng		95
58) Fluorene	10.492	166	2386942	44.68	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	657430	43.10	ng	#	89
60) Diethylphthalate	10.363	149	2803373	40.65	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	1173818	38.16	ng		93
62) 4-Nitroaniline	10.504	138	780620	43.26	ng		96
63) Azobenzene	10.645	77	2681980	39.95	ng		96
65) 4,6-Dinitro-2-methylph...	10.533	198	338654	43.13	ng		98
66) n-Nitrosodiphenylamine	10.598	169	2204348	39.70	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	751546	40.35	ng		96
68) Hexachlorobenzene	11.039	284	859574	40.61	ng	#	90
69) Atrazine	11.127	200	627913	39.51	ng		98
70) Pentachlorophenol	11.227	266	479168	44.70	ng		98
71) Phenanthrene	11.457	178	3649164	36.71	ng		97
72) Anthracene	11.510	178	3590969	36.51	ng		97
73) Carbazole	11.663	167	3357341	38.24	ng		97
74) Di-n-butylphthalate	11.998	149	4138327	38.19	ng		99
75) Fluoranthene	12.651	202	3691411	36.82	ng		95
77) Benzidine	12.769	184	1359764	41.42	ng		99
78) Pyrene	12.880	202	3757903	39.45	ng		97
80) Butylbenzylphthalate	13.504	149	1861940	42.35	ng		96
81) Benzo(a)anthracene	14.074	228	3279242	39.46	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	1137377	41.79	ng	#	99
83) Chrysene	14.116	228	3312425	40.36	ng		96
84) Bis(2-ethylhexyl)phtha...	14.068	149	2396289	40.25	ng		98
85) Di-n-octyl phthalate	14.686	149	4131078	41.56	ng		98
87) Indeno(1,2,3-cd)pyrene	17.086	276	3378356	41.65	ng	#	91
88) Benzo(b)fluoranthene	15.145	252	3418196	39.54	ng	#	98
89) Benzo(k)fluoranthene	15.174	252	3191953m	39.27	ng		
90) Benzo(a)pyrene	15.515	252	3106224	40.37	ng	#	95
91) Dibenzo(a,h)anthracene	17.109	278	2812312	41.75	ng	#	94
92) Benzo(g,h,i)perylene	17.545	276	2646264	41.66	ng	#	92

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

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