Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123405.D
Acq On : 23 Mar 2021 15:51
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF032321

Manual Integrations APPROVED
mohammad
3/24/2021 1:33:02 PM

Quant Time: Mar 23 16:17:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 15:58:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	274483	20.00	ng	0.00
21) Naphthalene-d8	8.204	136	990714	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	544168	20.00	ng	0.00
64) Phenanthrene-d10	11.457	188	951813	20.00	ng	0.00
76) Chrysene-d12	14.109	240	708123	20.00	ng	0.00
86) Perylene-d12	15.609	264	621483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1274146	75.94	ng	0.00
7) Phenol-d6	6.539	99	1742817	78.03	ng	0.00
23) Nitrobenzene-d5	7.481	82	1553555	84.63	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	513029	84.33	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2703363	70.97	ng	0.00
79) Terphenyl-d14	13.051	244	3076500	73.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	309323	38.33	ng	# 66
3) Pyridine	3.487	79	827725	39.00	ng	# 59
4) n-Nitrosodimethylamine	3.440	42	503490	39.66	ng	# 66
6) Aniline	6.581	93	1123072	41.09	ng	94
8) 2-Chlorophenol	6.704	128	720928	38.97	ng	91
9) Benzaldehyde	6.463	77	410159	38.42	ng	96
10) Phenol	6.551	94	880709	38.42	ng	96
11) bis(2-Chloroethyl)ether	6.651	93	714354	39.08	ng	# 81
12) 1,3-Dichlorobenzene	6.857	146	779991m	39.07	ng	
13) 1,4-Dichlorobenzene	6.933	146	780183	39.08	ng	96
14) 1,2-Dichlorobenzene	7.092	146	723757	39.02	ng	98
15) Benzyl Alcohol	7.057	79	716647	40.98	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	1637701	39.92	ng	86
17) 2-Methylphenol	7.157	107	607002	39.90	ng	97
18) Hexachloroethane	7.433	117	299279	40.01	ng	99
19) n-Nitroso-di-n-propyla...	7.333	70	580054	40.15	ng	# 73
20) 3+4-Methylphenols	7.316	107	741480	39.13	ng	# 80
22) Acetophenone	7.328	105	951735	38.27	ng	# 91
24) Nitrobenzene	7.498	77	833631	41.08	ng	# 92
25) Isophorone	7.739	82	1570227	39.79	ng	97
26) 2-Nitrophenol	7.816	139	360631	49.71	ng	95
27) 2,4-Dimethylphenol	7.845	122	640221	39.68	ng	98
28) bis(2-Chloroethoxy)met...	7.945	93	840990	39.54	ng	100
29) 2,4-Dichlorophenol	8.051	162	644774	40.72	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	679806	39.36	ng	99
31) Naphthalene	8.228	128	2054841	38.58	ng	100
32) Benzoic acid	7.969	122	455757	47.88	ng	98
33) 4-Chloroaniline	8.269	127	853504	39.06	ng	# 93
34) Hexachlorobutadiene	8.345	225	420393	39.90	ng	99
35) Caprolactam	8.651	113	193679m	40.68	ng	
36) 4-Chloro-3-methylphenol	8.745	107	672455	40.46	ng	96
37) 2-Methylnaphthalene	8.916	142	1412934	38.69	ng	100
38) 1-Methylnaphthalene	9.016	142	1333222	38.89	ng	99
40) 1,2,4,5-Tetrachloroben...	9.080	216	610213	37.69	ng	99
41) Hexachlorocyclopentadiene	9.075	237	374287	41.40	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	457092	40.32	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	480844	40.36	ng		97
46) 1,1'-Biphenyl	9.386	154	1582490	37.74	ng		99
47) 2-Chloronaphthalene	9.410	162	1301995	38.06	ng		98
48) 2-Nitroaniline	9.498	65	475037	45.76	ng	#	72
49) Acenaphthylene	9.827	152	2023406	37.81	ng		100
50) Dimethylphthalate	9.686	163	1516571	39.24	ng		99
51) 2,6-Dinitrotoluene	9.745	165	349048	43.23	ng	#	74
52) Acenaphthene	9.998	154	1285068	38.47	ng		99
53) 3-Nitroaniline	9.916	138	364329	42.73	ng		86
54) 2,4-Dinitrophenol	10.016	184	154892	44.60	ng		94
55) Dibenzofuran	10.174	168	1824892	38.00	ng		99
56) 4-Nitrophenol	10.063	139	309231	44.97	ng	#	76
57) 2,4-Dinitrotoluene	10.151	165	461903	45.84	ng		97
58) Fluorene	10.516	166	1352175	37.30	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	400170	41.14	ng		92
60) Diethylphthalate	10.386	149	1497378	39.69	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	668680	37.74	ng		99
62) 4-Nitroaniline	10.533	138	347953	43.06	ng		96
63) Azobenzene	10.669	77	1602399	38.59	ng		91
65) 4,6-Dinitro-2-methylph...	10.557	198	236724	46.42	ng	#	66
66) n-Nitrosodiphenylamine	10.627	169	1251402	39.24	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	457020	40.54	ng		97
68) Hexachlorobenzene	11.069	284	500696	40.30	ng		94
69) Atrazine	11.157	200	424672	41.89	ng		99
70) Pentachlorophenol	11.257	266	340137	45.88	ng		99
71) Phenanthrene	11.480	178	2034870	38.67	ng		100
72) Anthracene	11.533	178	2063197	38.98	ng		99
73) Carbazole	11.686	167	1926227	38.52	ng		100
74) Di-n-butylphthalate	12.021	149	2355699	41.38	ng		99
75) Fluoranthene	12.674	202	2231085	39.16	ng		99
77) Benzidine	12.792	184	866810	41.09	ng		99
78) Pyrene	12.904	202	2289552	37.48	ng		99
80) Butylbenzylphthalate	13.527	149	992158	43.79	ng		96
81) Benzo(a)anthracene	14.098	228	1801056	38.86	ng		99
82) 3,3'-Dichlorobenzidine	14.057	252	644484	42.75	ng		97
83) Chrysene	14.139	228	1865635	38.99	ng		98
84) Bis(2-ethylhexyl)phtha...	14.092	149	1320222	44.26	ng		98
85) Di-n-octyl phthalate	14.709	149	2329368	49.41	ng	#	86
87) Indeno(1,2,3-cd)pyrene	17.133	276	1366310	35.38	ng		99
88) Benzo(b)fluoranthene	15.168	252	1771953	41.33	ng		99
89) Benzo(k)fluoranthene	15.204	252	1542549	38.06	ng		99
90) Benzo(a)pyrene	15.551	252	1474393	39.84	ng		99
91) Dibenzo(a,h)anthracene	17.162	278	1153307	35.18	ng		98
92) Benzo(g,h,i)perylene	17.597	276	1093081	33.31	ng		99

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

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