Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122936.D
Acq On : 8 Jan 2021 12:19
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/11/2021 10:27:16 AM

Quant Time: Jan 08 16:49:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 08 16:17:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	230102	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	854828	20.00	ng		0.00
39) Acenaphthene-d10	9.963	164	476975	20.00	ng		0.00
64) Phenanthrene-d10	11.457	188	866908	20.00	ng		0.00
76) Chrysene-d12	14.104	240	688361	20.00	ng	#	0.00
86) Perylene-d12	15.598	264	597019	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1065204	69.50	ng		0.00
7) Phenol-d6	6.539	99	1434097	68.95	ng		0.00
23) Nitrobenzene-d5	7.480	82	1221318	70.64	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	400833	74.40	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	2212138	65.74	ng		0.00
79) Terphenyl-d14	13.051	244	2550163	68.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	246629	34.44	ng		96
3) Pyridine	3.481	79	667466	34.28	ng		96
4) n-Nitrosodimethylamine	3.445	42	278106	34.17	ng		98
6) Aniline	6.581	93	855909	34.51	ng		98
8) 2-Chlorophenol	6.704	128	572824	34.72	ng		99
9) Benzaldehyde	6.469	77	356755	38.34	ng		99
10) Phenol	6.551	94	705344	34.26	ng		85
11) bis(2-Chloroethyl)ether	6.651	93	573196	34.70	ng		96
12) 1,3-Dichlorobenzene	6.863	146	651825	34.68	ng		99
13) 1,4-Dichlorobenzene	6.939	146	663520	35.12	ng		99
14) 1,2-Dichlorobenzene	7.092	146	627695	35.18	ng		99
15) Benzyl Alcohol	7.057	79	518183	35.31	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	863411	33.39	ng		96
17) 2-Methylphenol	7.163	107	476073	34.75	ng		97
18) Hexachloroethane	7.433	117	247436	35.05	ng		93
19) n-Nitroso-di-n-propyla...	7.333	70	430196	33.90	ng		98
20) 3+4-Methylphenols	7.316	107	611528	34.98	ng	#	73
22) Acetophenone	7.328	105	792869	35.12	ng	#	94
24) Nitrobenzene	7.498	77	613764	35.46	ng		97
25) Isophorone	7.739	82	1077996	34.77	ng		99
26) 2-Nitrophenol	7.816	139	282028	36.93	ng		95
27) 2,4-Dimethylphenol	7.845	122	478068	35.24	ng		97
28) bis(2-Chloroethoxy)met...	7.951	93	746467	35.53	ng		98
29) 2,4-Dichlorophenol	8.051	162	493767	35.98	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	563522	35.87	ng		98
31) Naphthalene	8.227	128	1636023	35.18	ng		99
32) Benzoic acid	7.957	122	384988m	37.85	ng		
33) 4-Chloroaniline	8.269	127	711183	35.27	ng		99
34) Hexachlorobutadiene	8.345	225	334404	36.54	ng		99
35) Caprolactam	8.639	113	162286	35.24	ng		88
36) 4-Chloro-3-methylphenol	8.745	107	493344	34.96	ng		94
37) 2-Methylnaphthalene	8.916	142	1138856	35.62	ng		96
38) 1-Methylnaphthalene	9.022	142	1070980	35.38	ng		96
40) 1,2,4,5-Tetrachloroben...	9.086	216	540427	35.54	ng		99
41) Hexachlorocyclopentadiene	9.075	237	287375	35.33	ng		96
43) 2,4,6-Trichlorophenol	9.192	196	379627	35.25	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	385407	36.19	ng		98
46) 1,1'-Biphenyl	9.386	154	1341506	35.01	ng		99
47) 2-Chloronaphthalene	9.410	162	1082148	34.77	ng		97
48) 2-Nitroaniline	9.498	65	328969	35.13	ng		89
49) Acenaphthylene	9.827	152	1591209	34.58	ng		98
50) Dimethylphthalate	9.686	163	1223852	34.50	ng		99
51) 2,6-Dinitrotoluene	9.739	165	277219	36.53	ng	#	89
52) Acenaphthene	9.998	154	1065466	35.21	ng		99
53) 3-Nitroaniline	9.910	138	317505	35.61	ng		90
54) 2,4-Dinitrophenol	10.010	184	108453	39.45	ng	#	57
55) Dibenzofuran	10.169	168	1495855	34.89	ng		98
56) 4-Nitrophenol	10.057	139	241626	35.78	ng		96
57) 2,4-Dinitrotoluene	10.145	165	364075	37.52	ng		96
58) Fluorene	10.516	166	1165860	33.49	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	332805	35.95	ng		96
60) Diethylphthalate	10.386	149	1240115	34.96	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	596371	35.38	ng		96
62) 4-Nitroaniline	10.527	138	318040	36.33	ng		96
63) Azobenzene	10.669	77	1193915	34.16	ng		96
65) 4,6-Dinitro-2-methylph...	10.551	198	155044	39.51	ng		91
66) n-Nitrosodiphenylamine	10.621	169	1037845	35.54	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	382411	36.49	ng		95
68) Hexachlorobenzene	11.063	284	412135	36.61	ng		94
69) Atrazine	11.151	200	334424	35.77	ng		98
70) Pentachlorophenol	11.251	266	255414	37.49	ng		99
71) Phenanthrene	11.480	178	1728308	35.19	ng		98
72) Anthracene	11.533	178	1699083	34.89	ng		98
73) Carbazole	11.680	167	1598657	35.39	ng		99
74) Di-n-butylphthalate	12.015	149	1910522	35.39	ng		99
75) Fluoranthene	12.674	202	1846954	35.33	ng		99
77) Benzidine	12.786	184	674700	34.33	ng		100
78) Pyrene	12.904	202	1877026	35.08	ng		98
80) Butylbenzylphthalate	13.521	149	816959	35.05	ng		96
81) Benzo(a)anthracene	14.098	228	1616426	34.99	ng		100
82) 3,3'-Dichlorobenzidine	14.057	252	526388	34.28	ng		100
83) Chrysene	14.133	228	1549457	34.80	ng		97
84) Bis(2-ethylhexyl)phtha...	14.086	149	1066381	34.84	ng		96
85) Di-n-octyl phthalate	14.704	149	1801492	34.77	ng		99
87) Indeno(1,2,3-cd)pyrene	17.103	276	1383706	35.86	ng		98
88) Benzo(b)fluoranthene	15.162	252	1536049	36.60	ng		98
89) Benzo(k)fluoranthene	15.192	252	1367662	35.39	ng		99
90) Benzo(a)pyrene	15.533	252	1334254	36.18	ng		98
91) Dibenzo(a,h)anthracene	17.127	278	1135843	35.89	ng		99
92) Benzo(g,h,i)perylene	17.562	276	1076886	35.74	ng		98

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

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