Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122991.D
Acq On : 18 Jan 2021 17:23
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/20/2021 2:15:23 PM

Quant Time: Jan 18 18:08:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	220115	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	852824	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	426748	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	725336	20.00	ng		0.00
76) Chrysene-d12	14.074	240	547807	20.00	ng		0.00
86) Perylene-d12	15.545	264	441047	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1167907	80.20	ng		0.00
7) Phenol-d6	6.516	99	1577506	80.61	ng		0.00
23) Nitrobenzene-d5	7.457	82	1451669	87.59	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	381520	79.06	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2317118	76.03	ng		0.00
79) Terphenyl-d14	13.015	244	2310252	77.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	55516	7.85	ng	#	43
3) Pyridine	3.446	79	704762	36.82	ng	#	71
4) n-Nitrosodimethylamine	3.398	42	359848	42.11	ng		79
6) Aniline	6.557	93	948082	40.16	ng		95
8) 2-Chlorophenol	6.681	128	613896	39.92	ng		91
9) Benzaldehyde	6.445	77	437107	45.67	ng		97
10) Phenol	6.534	94	782998	39.84	ng		89
11) bis(2-Chloroethyl)ether	6.634	93	613882	38.58	ng		93
12) 1,3-Dichlorobenzene	6.839	146	721091	40.52	ng		98
13) 1,4-Dichlorobenzene	6.916	146	753314	42.04	ng		95
14) 1,2-Dichlorobenzene	7.069	146	712593	42.62	ng		97
15) Benzyl Alcohol	7.034	79	590964	42.84	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1131240	40.78	ng		91
17) 2-Methylphenol	7.139	107	574119	44.01	ng		97
18) Hexachloroethane	7.416	117	279313	43.12	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	474535	40.93	ng		90
20) 3+4-Methylphenols	7.292	107	699301	42.86	ng	#	76
22) Acetophenone	7.304	105	884484	41.24	ng	#	98
24) Nitrobenzene	7.475	77	741357	43.65	ng		93
25) Isophorone	7.716	82	1230573	41.62	ng		98
26) 2-Nitrophenol	7.792	139	351129	45.76	ng		96
27) 2,4-Dimethylphenol	7.828	122	526076	43.06	ng		97
28) bis(2-Chloroethoxy)met...	7.928	93	820279	41.03	ng		99
29) 2,4-Dichlorophenol	8.033	162	506108	39.68	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	545109	40.11	ng		98
31) Naphthalene	8.204	128	1766622	40.29	ng		99
32) Benzoic acid	7.933	122	438438m	42.71	ng		
33) 4-Chloroaniline	8.245	127	762842	39.88	ng	#	95
34) Hexachlorobutadiene	8.322	225	295351	39.77	ng		99
35) Caprolactam	8.616	113	167555	38.65	ng	#	67
36) 4-Chloro-3-methylphenol	8.722	107	552906	40.75	ng		96
37) 2-Methylnaphthalene	8.892	142	1223257	40.45	ng		98
38) 1-Methylnaphthalene	8.992	142	1142998	40.02	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	456843	39.00	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	221883	38.99	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	356912	40.87	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	366184	41.33	ng		96
46) 1,1'-Biphenyl	9.357	154	1385278	39.92	ng		98
47) 2-Chloronaphthalene	9.386	162	1165330	40.24	ng		98
48) 2-Nitroaniline	9.475	65	409279	41.47	ng		85
49) Acenaphthylene	9.798	152	1674110	39.63	ng		100
50) Dimethylphthalate	9.657	163	1303502	39.35	ng		99
51) 2,6-Dinitrotoluene	9.716	165	290786	40.14	ng	#	86
52) Acenaphthene	9.975	154	1089659	39.90	ng		99
53) 3-Nitroaniline	9.886	138	364640	40.72	ng		97
54) 2,4-Dinitrophenol	9.986	184	122962	39.58	ng	#	88
55) Dibenzofuran	10.145	168	1467878	38.56	ng		99
56) 4-Nitrophenol	10.033	139	279326	42.31	ng		94
57) 2,4-Dinitrotoluene	10.116	165	380780	40.86	ng		90
58) Fluorene	10.486	166	1145041	38.46	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	279518	39.52	ng	#	83
60) Diethylphthalate	10.357	149	1240992	38.55	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	512541	38.28	ng		98
62) 4-Nitroaniline	10.498	138	352520	39.90	ng		93
63) Azobenzene	10.639	77	1269505	39.41	ng		96
65) 4,6-Dinitro-2-methylph...	10.527	198	160037	39.18	ng		90
66) n-Nitrosodiphenylamine	10.598	169	1028322	37.98	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	337156	38.02	ng		96
68) Hexachlorobenzene	11.039	284	370774	36.56	ng		97
69) Atrazine	11.121	200	233554	32.39	ng		98
70) Pentachlorophenol	11.227	266	224633	42.12	ng		100
71) Phenanthrene	11.451	178	1717195	39.50	ng		99
72) Anthracene	11.504	178	1686018	39.25	ng		100
73) Carbazole	11.651	167	1609570	38.65	ng		99
74) Di-n-butylphthalate	11.986	149	1807394	36.68	ng		100
75) Fluoranthene	12.639	202	1626676	36.99	ng		97
77) Benzidine	12.757	184	609515	42.02	ng		99
78) Pyrene	12.874	202	1638523	37.35	ng		100
80) Butylbenzylphthalate	13.492	149	803451	40.87	ng		99
81) Benzo(a)anthracene	14.062	228	1509274	41.17	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	529332	44.10	ng	#	97
83) Chrysene	14.098	228	1501531	40.61	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1032250	39.38	ng		100
85) Di-n-octyl phthalate	14.668	149	1717589	40.52	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.039	276	1288087	46.36	ng	#	94
88) Benzo(b)fluoranthene	15.115	252	1513583	50.85	ng		98
89) Benzo(k)fluoranthene	15.151	252	1340872	43.94	ng		100
90) Benzo(a)pyrene	15.486	252	1142595	42.49	ng	#	97
91) Dibenzo(a,h)anthracene	17.056	278	1068823	46.95	ng		96
92) Benzo(g,h,i)perylene	17.486	276	987399	44.81	ng	#	93

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

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