Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
Data File : BF125280.D
Acq On : 31 Aug 2021 9:11
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/1/2021 4:01:39 PM

Quant Time: Aug 31 10:38:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	168110	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	598999	20.000	ng	#	0.00
39) Acenaphthene-d10	9.957	164	298819	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	501608	20.000	ng		0.00
76) Chrysene-d12	14.086	240	316524	20.000	ng	#	0.00
86) Perylene-d12	15.580	264	338303	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	813497	73.244	ng		0.01
7) Phenol-d6	6.551	99	1040530	72.438	ng		0.01
23) Nitrobenzene-d5	7.481	82	913037	76.738	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	251063	84.168	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	1546468	72.129	ng		0.00
79) Terphenyl-d14	13.027	244	1472179	74.096	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	202129	36.881	ng	#	100
3) Pyridine	3.487	79	529916	36.627	ng	#	91
4) n-Nitrosodimethylamine	3.440	42	246057	33.987	ng	#	35
6) Aniline	6.581	93	603437	35.763	ng	#	93
8) 2-Chlorophenol	6.704	128	415245	36.649	ng		81
9) Benzaldehyde	6.469	77	321557	31.898	ng		92
10) Phenol	6.563	94	577462	38.388	ng		96
11) bis(2-Chloroethyl)ether	6.651	93	425907	35.950	ng		86
12) 1,3-Dichlorobenzene	6.857	146	481156	36.647	ng		98
13) 1,4-Dichlorobenzene	6.934	146	479835	36.678	ng		97
14) 1,2-Dichlorobenzene	7.086	146	447918	36.392	ng		98
15) Benzyl Alcohol	7.057	79	394227	35.645	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	774906	32.615	ng		95
17) 2-Methylphenol	7.169	107	351182	36.897	ng		96
18) Hexachloroethane	7.428	117	168100	36.694	ng	#	87
19) n-Nitroso-di-n-propyla...	7.328	70	298661	34.567	ng	#	76
20) 3+4-Methylphenols	7.322	107	410072	34.323	ng	#	76
22) Acetophenone	7.328	105	543424	35.251	ng	#	92
24) Nitrobenzene	7.498	77	485112	37.418	ng	#	88
25) Isophorone	7.739	82	826812	36.022	ng	#	91
26) 2-Nitrophenol	7.816	139	224013	43.272	ng	#	83
27) 2,4-Dimethylphenol	7.851	122	316572	34.931	ng		89
28) bis(2-Chloroethoxy)met...	7.945	93	455739	35.860	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	356134	38.532	ng		95
30) 1,2,4-Trichlorobenzene	8.139	180	378082	37.513	ng		95
31) Naphthalene	8.222	128	1107680	36.108	ng		99
32) Benzoic acid	7.957	122	177983m	28.935	ng		
33) 4-Chloroaniline	8.269	127	458724	37.931	ng	#	91
34) Hexachlorobutadiene	8.333	225	243992	37.966	ng		98
35) Caprolactam	8.639	113	93695	39.138	ng	#	47
36) 4-Chloro-3-methylphenol	8.745	107	366725	38.866	ng		89
37) 2-Methylnaphthalene	8.910	142	756735	37.330	ng		99
38) 1-Methylnaphthalene	9.010	142	706634	37.329	ng		97
40) 1,2,4,5-Tetrachloroben...	9.075	216	374622	38.372	ng		98
41) Hexachlorocyclopentadiene	9.063	237	166666	32.493	ng		96
43) 2,4,6-Trichlorophenol	9.186	196	257850	37.510	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	280662	38.807	ng		93
46) 1,1'-Biphenyl	9.375	154	867608	36.014	ng		99
47) 2-Chloronaphthalene	9.398	162	715517	36.548	ng		98
48) 2-Nitroaniline	9.498	65	239931	39.537	ng		89
49) Acenaphthylene	9.816	152	1045053	36.633	ng		98
50) Dimethylphthalate	9.675	163	771507	37.257	ng	#	98
51) 2,6-Dinitrotoluene	9.733	165	176996	39.418	ng	#	79
52) Acenaphthene	9.986	154	669142	37.836	ng		98
53) 3-Nitroaniline	9.910	138	189031	39.038	ng		85
54) 2,4-Dinitrophenol	10.010	184	75428	42.527	ng	#	86
55) Dibenzofuran	10.157	168	929375	36.515	ng		99
56) 4-Nitrophenol	10.069	139	133211	34.739	ng	#	77
57) 2,4-Dinitrotoluene	10.139	165	229144	42.165	ng	#	96
58) Fluorene	10.504	166	707988	37.625	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	210344	39.192	ng	#	83
60) Diethylphthalate	10.369	149	723722	35.849	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	359757	37.814	ng	#	87
62) 4-Nitroaniline	10.522	138	177266	40.710	ng	#	80
63) Azobenzene	10.651	77	797809	35.233	ng		90
65) 4,6-Dinitro-2-methylph...	10.545	198	119175	44.890	ng		95
66) n-Nitrosodiphenylamine	10.610	169	664882	37.018	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	235327	39.069	ng		96
68) Hexachlorobenzene	11.051	284	250357	40.403	ng	#	83
69) Atrazine	11.133	200	197209	38.264	ng		94
70) Pentachlorophenol	11.245	266	117249	32.406	ng		91
71) Phenanthrene	11.469	178	1009118	36.511	ng		98
72) Anthracene	11.516	178	1025212	37.633	ng		99
73) Carbazole	11.674	167	912021	36.635	ng		99
74) Di-n-butylphthalate	11.998	149	1027478	34.780	ng		99
75) Fluoranthene	12.657	202	998616	36.413	ng		97
77) Benzidine	12.774	184	380742	34.442	ng		98
78) Pyrene	12.886	202	1014350	37.359	ng		96
80) Butylbenzylphthalate	13.498	149	380713	35.685	ng		93
81) Benzo(a)anthracene	14.074	228	861943	37.795	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	276963	39.178	ng		97
83) Chrysene	14.110	228	835113	37.028	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	502552	34.273	ng		98
85) Di-n-octyl phthalate	14.668	149	833740	34.187	ng		97
87) Indeno(1,2,3-cd)pyrene	17.109	276	1046662	42.945	ng	#	90
88) Benzo(b)fluoranthene	15.139	252	901917	36.492	ng	#	94
89) Benzo(k)fluoranthene	15.168	252	787679	34.153	ng		99
90) Benzo(a)pyrene	15.521	252	826757	37.869	ng	#	95
91) Dibenzo(a,h)anthracene	17.121	278	894466	42.458	ng	#	94
92) Benzo(g,h,i)perylene	17.568	276	903920	44.499	ng	#	88

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

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