Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062321\
Data File : BF124435.D
Acq On : 23 Jun 2021 17:19
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
6/24/2021 9:51:01 AM

Quant Time: Jun 23 18:08:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 18:03:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	39025	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	132625	20.000	ng	# 0.00
39) Acenaphthene-d10	9.763	164	72980	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	134347	20.000	ng	# 0.00
76) Chrysene-d12	13.898	240	84370	20.000	ng	0.00
86) Perylene-d12	15.339	264	80439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	297510	114.761	ng	0.00
7) Phenol-d6	6.381	99	382673	109.817	ng	0.00
23) Nitrobenzene-d5	7.298	82	386280	115.516	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	111910	108.235	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	734247	126.603	ng	0.00
79) Terphenyl-d14	12.839	244	713661	116.134	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.369	88	63861	56.289	ng	# 85
3) Pyridine	3.081	79	140827	48.467	ng	# 78
4) n-Nitrosodimethylamine	3.063	42	77993	45.174	ng	# 88
6) Aniline	6.392	93	213075	53.535	ng	# 1
8) 2-Chlorophenol	6.516	128	171671	59.512	ng	91
9) Benzaldehyde	6.275	77	83481	53.896	ng	91
10) Phenol	6.392	94	203996	54.170	ng	# 61
11) bis(2-Chloroethyl)ether	6.463	93	148296	54.017	ng	93
12) 1,3-Dichlorobenzene	6.663	146	198145	58.758	ng	95
13) 1,4-Dichlorobenzene	6.739	146	196439	58.074	ng	93
14) 1,2-Dichlorobenzene	6.892	146	193825	59.899	ng	96
15) Benzyl Alcohol	6.875	79	161397	51.378	ng	92
16) 2,2'-oxybis(1-Chloropr...	6.998	45	187898	43.873	ng	# 1
17) 2-Methylphenol	6.992	107	128976	55.001	ng	# 86
18) Hexachloroethane	7.228	117	76357	57.322	ng	# 82
19) n-Nitroso-di-n-propyla...	7.151	70	131645	53.517	ng	# 79
20) 3+4-Methylphenols	7.151	107	172903	55.648	ng	# 77
22) Acetophenone	7.139	105	221716	58.643	ng	94
24) Nitrobenzene	7.316	77	196650	58.621	ng	98
25) Isophorone	7.557	82	330076	54.777	ng	# 93
26) 2-Nitrophenol	7.628	139	91159	60.833	ng	88
27) 2,4-Dimethylphenol	7.675	122	128305	60.720	ng	95
28) bis(2-Chloroethoxy)met...	7.763	93	165084	55.261	ng	98
29) 2,4-Dichlorophenol	7.875	162	146680	59.991	ng	93
30) 1,2,4-Trichlorobenzene	7.945	180	169529	61.869	ng	96
31) Naphthalene	8.028	128	463141	58.409	ng	96
32) Benzoic acid	7.839	122	75102	57.922	ng	96
33) 4-Chloroaniline	8.086	127	171715	58.223	ng	94
34) Hexachlorobutadiene	8.139	225	110903	57.300	ng	99
35) Caprolactam	8.486	113	39863m	59.346	ng	
36) 4-Chloro-3-methylphenol	8.580	107	146430	54.739	ng	# 84
37) 2-Methylnaphthalene	8.722	142	328203	59.024	ng	97
38) 1-Methylnaphthalene	8.816	142	308355	59.342	ng	94
40) 1,2,4,5-Tetrachloroben...	8.886	216	161366	62.407	ng	# 97
41) Hexachlorocyclopentadiene	8.869	237	18166	15.847	ng	90
43) 2,4,6-Trichlorophenol	9.004	196	100866	59.811	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	109903	60.708	ng	#	88
46) 1,1'-Biphenyl	9.186	154	386358	62.714	ng		98
47) 2-Chloronaphthalene	9.210	162	311960	62.212	ng		97
48) 2-Nitroaniline	9.316	65	106011	58.582	ng		91
49) Acenaphthylene	9.627	152	449472	61.664	ng		97
50) Dimethylphthalate	9.498	163	356775	59.088	ng		99
51) 2,6-Dinitrotoluene	9.563	165	82938	59.908	ng	#	81
52) Acenaphthene	9.798	154	289548	60.820	ng		96
53) 3-Nitroaniline	9.733	138	75048	57.920	ng		99
54) 2,4-Dinitrophenol	9.851	184	30530	52.358	ng		88
55) Dibenzofuran	9.969	168	463804	62.247	ng		96
56) 4-Nitrophenol	9.916	139	40942	44.214	ng		92
57) 2,4-Dinitrotoluene	9.975	165	112136	61.416	ng	#	90
58) Fluorene	10.316	166	355066	62.081	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.098	232	82323	56.115	ng		94
60) Diethylphthalate	10.192	149	350391	57.502	ng		96
61) 4-Chlorophenyl-phenyle...	10.304	204	177116	60.564	ng		98
62) 4-Nitroaniline	10.357	138	71497	54.879	ng		93
63) Azobenzene	10.469	77	349690	55.053	ng		93
65) 4,6-Dinitro-2-methylph...	10.386	198	59321	54.944	ng	#	63
66) n-Nitrosodiphenylamine	10.433	169	307662	60.272	ng		97
67) 4-Bromophenyl-phenylether	10.792	248	108689	58.941	ng		91
68) Hexachlorobenzene	10.863	284	115098	55.108	ng		98
69) Atrazine	10.963	200	74747	51.728	ng		96
70) Pentachlorophenol	11.069	266	26299	26.888	ng		88
71) Phenanthrene	11.274	178	494988	58.980	ng		98
72) Anthracene	11.327	178	498352	58.962	ng		98
73) Carbazole	11.492	167	422204	57.322	ng		96
74) Di-n-butylphthalate	11.816	149	518840	54.813	ng		99
75) Fluoranthene	12.468	202	489757	55.595	ng		96
77) Benzidine	12.592	184	93603	51.672	ng	#	94
78) Pyrene	12.698	202	491215	60.631	ng		98
80) Butylbenzylphthalate	13.315	149	192467	58.562	ng		90
81) Benzo(a)anthracene	13.886	228	372337	60.579	ng		97
82) 3,3'-Dichlorobenzidine	13.851	252	111346	61.752	ng		99
83) Chrysene	13.927	228	356705	60.152	ng		98
84) Bis(2-ethylhexyl)phtha...	13.874	149	260123	66.537	ng		96
85) Di-n-octyl phthalate	14.492	149	406986	78.004	ng	#	87
87) Indeno(1,2,3-cd)pyrene	16.774	276	408321	70.111	ng		98
88) Benzo(b)fluoranthene	14.927	252	347758	55.654	ng		99
89) Benzo(k)fluoranthene	14.957	252	341501	57.731	ng		98
90) Benzo(a)pyrene	15.280	252	323757	59.653	ng		96
91) Dibenzo(a,h)anthracene	16.774	278	349962	69.489	ng		93
92) Benzo(g,h,i)perylene	17.198	276	344157	69.280	ng		97

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

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