Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040221\
Data File : BF123548.D
Acq On : 1 Apr 2021 18:53
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
4/2/2021 12:10:34 PM

Quant Time: Apr 02 00:32:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 18:46:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	150345	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	566275	20.00	ng		# 0.00
39) Acenaphthene-d10	9.933	164	310528	20.00	ng		0.00
64) Phenanthrene-d10	11.422	188	555706	20.00	ng		# 0.00
76) Chrysene-d12	14.068	240	335390	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	264727	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	795785	92.37	ng		0.00
7) Phenol-d6	6.522	99	1070886	89.75	ng		0.00
23) Nitrobenzene-d5	7.457	82	1053047	95.79	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	415553	101.56	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2178978	100.64	ng		0.00
79) Terphenyl-d14	13.010	244	2340129	107.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	158556	42.98	ng	#	61
3) Pyridine	3.434	79	405100	44.74	ng	#	50
4) n-Nitrosodimethylamine	3.398	42	303479	46.99	ng	#	50
6) Aniline	6.551	93	606575	45.40	ng	#	91
8) 2-Chlorophenol	6.675	128	456434	45.55	ng		93
9) Benzaldehyde	6.434	77	284400	40.98	ng		94
10) Phenol	6.534	94	563324	45.25	ng		82
11) bis(2-Chloroethyl)ether	6.622	93	415564	45.53	ng		84
12) 1,3-Dichlorobenzene	6.828	146	528426	47.68	ng		96
13) 1,4-Dichlorobenzene	6.904	146	534049	47.11	ng		99
14) 1,2-Dichlorobenzene	7.063	146	509741	47.61	ng		99
15) Benzyl Alcohol	7.028	79	449022	50.47	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	874701	47.22	ng		89
17) 2-Methylphenol	7.139	107	364611	48.46	ng	#	94
18) Hexachloroethane	7.398	117	198344	48.34	ng		95
19) n-Nitroso-di-n-propyla...	7.310	70	370171	48.96	ng	#	75
20) 3+4-Methylphenols	7.298	107	476624	48.51	ng		90
22) Acetophenone	7.298	105	669985	47.48	ng	#	76
24) Nitrobenzene	7.475	77	530333	47.37	ng	#	92
25) Isophorone	7.716	82	961366	48.27	ng		99
26) 2-Nitrophenol	7.786	139	254141	50.02	ng	#	88
27) 2,4-Dimethylphenol	7.822	122	366684	48.22	ng		93
28) bis(2-Chloroethoxy)met...	7.922	93	504852	48.64	ng		99
29) 2,4-Dichlorophenol	8.028	162	424197	49.45	ng		96
30) 1,2,4-Trichlorobenzene	8.110	180	447671	48.47	ng		93
31) Naphthalene	8.198	128	1344391	47.35	ng		99
32) Benzoic acid	7.975	122	272241	52.21	ng		94
33) 4-Chloroaniline	8.239	127	523570	46.23	ng	#	92
34) Hexachlorobutadiene	8.310	225	305472	49.48	ng		99
35) Caprolactam	8.633	113	116195m	45.12	ng		
36) 4-Chloro-3-methylphenol	8.728	107	447554	47.56	ng		94
37) 2-Methylnaphthalene	8.886	142	965702	46.18	ng		99
38) 1-Methylnaphthalene	8.986	142	893703	44.90	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	464717	51.25	ng		98
41) Hexachlorocyclopentadiene	9.045	237	266138	55.70	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	322841	50.47	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	338886	49.35	ng		96
46) 1,1'-Biphenyl	9.357	154	1169688	49.41	ng		96
47) 2-Chloronaphthalene	9.380	162	908465	48.86	ng		98
48) 2-Nitroaniline	9.469	65	307490	49.49	ng	#	75
49) Acenaphthylene	9.792	152	1390192	48.40	ng		99
50) Dimethylphthalate	9.657	163	1070007	49.41	ng		99
51) 2,6-Dinitrotoluene	9.716	165	239391	49.56	ng	#	71
52) Acenaphthene	9.969	154	942723	49.40	ng		99
53) 3-Nitroaniline	9.886	138	237332	47.14	ng		88
54) 2,4-Dinitrophenol	9.986	184	136122	57.59	ng	#	74
55) Dibenzofuran	10.139	168	1268308	48.28	ng		95
56) 4-Nitrophenol	10.045	139	188199	47.83	ng	#	72
57) 2,4-Dinitrotoluene	10.122	165	317002	48.97	ng		92
58) Fluorene	10.480	166	1045330	49.40	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	285557m	51.01	ng		
60) Diethylphthalate	10.357	149	1105636	48.84	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	511540	50.41	ng		99
62) 4-Nitroaniline	10.510	138	233598	46.80	ng		91
63) Azobenzene	10.633	77	1041283	48.06	ng		90
65) 4,6-Dinitro-2-methylph...	10.533	198	188216	55.50	ng		87
66) n-Nitrosodiphenylamine	10.592	169	940461	49.59	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	336996	51.51	ng		97
68) Hexachlorobenzene	11.033	284	369594	50.12	ng		96
69) Atrazine	11.122	200	306100	49.23	ng		98
70) Pentachlorophenol	11.222	266	225598	54.31	ng		99
71) Phenanthrene	11.445	178	1444712	47.59	ng		99
72) Anthracene	11.498	178	1451493	47.69	ng		99
73) Carbazole	11.651	167	1283060	45.96	ng		99
74) Di-n-butylphthalate	11.980	149	1739836	49.80	ng		99
75) Fluoranthene	12.639	202	1445341	42.47	ng		95
77) Benzidine	12.751	184	485811	41.80	ng		99
78) Pyrene	12.868	202	1427948	50.27	ng		99
80) Butylbenzylphthalate	13.486	149	645357	52.80	ng		93
81) Benzo(a)anthracene	14.057	228	1080338	48.00	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	317599	46.63	ng		97
83) Chrysene	14.098	228	1033351	47.27	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	911064	56.21	ng		98
85) Di-n-octyl phthalate	14.662	149	1268932	52.80	ng	#	92
87) Indeno(1,2,3-cd)pyrene	17.056	276	779650	51.36	ng	#	94
88) Benzo(b)fluoranthene	15.115	252	842804	46.57	ng	#	96
89) Benzo(k)fluoranthene	15.151	252	797329	46.74	ng	#	97
90) Benzo(a)pyrene	15.492	252	731587	48.47	ng	#	97
91) Dibenzo(a,h)anthracene	17.074	278	673327	52.49	ng		97
92) Benzo(g,h,i)perylene	17.515	276	640903	51.86	ng	#	94

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

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